Valor
THE ORIGINAL RADIANT GAS FIREPLACE™

H5 SERIES

DV ZC Gas Fireplace
1100IN (NG) & 1100IP (LPG)
1150ILN (NG) & 1150ILP (LPG)

Installation & Owner's Manual

⚠ DANGER

HOT GLASS WILL CAUSE BURNS.

DO NOT TOUCH GLASS UNTIL COOLED.

NEVER ALLOW CHILDREN TO TOUCH GLASS.

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other at-risk individuals.

INSTALLER
Leave this manual with the appliance.

CONSUMER
Retain this manual for future reference.

Please read this manual BEFORE installing and operating this appliance.

⚠ WARNING
FIRE OR EXPLOSION HAZARD
Failure to follow safety warnings exactly could result in serious injury, death, or property damage.

— Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

— WHAT TO DO IF YOU SMELL GAS
- **Do not try to light any appliance.**
- **Do not touch any electrical switch; do not use any phone in your building.**
- **Leave the building immediately.**
- **Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

— Installation and service must be performed by a qualified installer, service agency or the gas supplier.

This manual contains instructions to install the **ENGINE ONLY.** A trim kit is **REQUIRED** to complete the installation. A barrier screen is provided with the trim kit. **Refer to the manual supplied with the trim for installation.**

This appliance may be installed in an after-market permanently located, manufactured (mobile) home where not prohibited by local codes.

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.

This appliance is a domestic room-heating appliance. It must not be used for any other purposes such as drying clothes, etc.

This appliance is suitable for installation in a bedroom or bed sitting room.

Ce guide est disponible en français sur demande.

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MILES INDUSTRIES

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Warranty Card at the back of this manual.

Massachusetts: The piping and final gas connection must be performed by a licensed plumber or gas fitter in the State of Massachusetts. Also, see Carbon Monoxide Detector requirements on page 18.

NATIONAL FIREPLACE INSTITUTE NFI CERTIFIED www.nficertified.org

We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

The information contained in this installation manual is believed to be correct at the time of printing. Miles Industries Ltd. reserves the right to change or modify any information or specifications without notice. Miles Industries Ltd. grants no warranty, implied or stated, for the installation or maintenance of your heater, and assumes no responsibility for any consequential damage(s).

Designed and Manufactured by / for
Miles Industries Ltd.
190–2255 Dollarton Highway, North Vancouver, BC,
CANADA V7H 3B1
Tel. 604-984-3496 Fax 604-984-0246
www.valorfireplaces.com

FOR THE QUALIFIED INSTALLER

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Safety Precautions

READ and **UNDERSTAND** all instructions carefully before starting the installation. **FAILURE TO FOLLOW** these installation instructions may result in possible fire hazard and will void the warranty.

Prior to the first firing of the fireplace, **READ** the Owner's Information section of this manual.

DO NOT USE this appliance if any part has been under water. Immediately, **CALL** a qualified service technician to inspect the unit and to replace any part of the control system and any gas control that has been under water.

THIS UNIT IS NOT FOR USE WITH SOLID FUEL.

Installation and repair should be **PERFORMED** by a qualified service person. The appliance and venting system should be **INSPECTED** before initial use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding, etc. It is **IMPERATIVE** that the unit's control compartment, burner, and circulating air passageways **BE KEPT CLEAN** to provide for adequate combustion and ventilation air.

Always **KEEP** the appliance clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

NEVER OBSTRUCT the flow of combustion and ventilation air. Keep the front of the appliance **CLEAR** of all obstacles and materials for servicing and proper operation.

This unit MUST be used with a vent system as described in this installation manual. **NO OTHER** vent system or components **MAY BE USED**.

This gas fireplace and vent assembly **MUST** be vented directly to the outside and **MUST NEVER** be attached to a chimney serving a separate solid fuel burning appliance. Each gas appliance **MUST USE** a separate vent system. Common vent systems are **PROHIBITED**.

INSPECT the external vent cap on a regular basis to make sure that no debris, plants, trees, shrubs are interfering with the air flow.

TURN OFF the gas before servicing this appliance. It is recommended that a qualified service technician perform an appliance check-up at the beginning of each heating season.

DO NOT use this heater as a temporary source of heat during construction.

State of California. Proposition 65 Warning. Fuels used in gas, wood-burning or oil fired appliances, and the products of combustion of such fuels, contain chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. California Health & Safety Code Sec. 25249.6.

Due to the high temperature, the appliance should be **LOCATED** out of traffic areas and away from furniture and draperies.

Clothing or flammable material **SHOULD NOT BE PLACED** on or near the appliance.

This appliance is a **DOMESTIC ROOM-HEATING APPLIANCE**. It must not be used for any other purposes such as drying clothes, etc.

DO NOT place furniture or any other combustible household objects within 36" of the fireplace front.

BE CAREFUL not to put any decorating objects sensitive to heat to close above or around the fireplace as it gets very hot when operating.

The glass door assembly **MUST** be in place and sealed before the unit can be placed into safe operation.

DO NOT OPERATE this appliance with the glass door removed, cracked, or broken. Replacement of the glass door should be performed by a licensed or qualified service person. **DO NOT** strike or slam the glass door.

The glass door assembly **SHALL ONLY** be replaced as a complete unit, as supplied by the fireplace manufacturer. **NO SUBSTITUTE** material may be used.

DO NOT USE abrasive cleaners on the glass door assembly. **DO NOT ATTEMPT** to clean the glass door when it is hot.

A **BARRIER DESIGNED TO REDUCE THE RISK OF BURNS** from the hot viewing glass is provided with this appliance and **SHALL BE INSTALLED** for the **PROTECTION OF CHILDREN** and other **AT-RISK INDIVIDUALS**.

If the barrier becomes damaged, the barrier **SHALL BE REPLACED** with the **MANUFACTURER'S BARRIER** for this appliance.

Any safety screen, guard or barrier removed for servicing the appliance, **MUST BE REPLACED** prior to operating the appliance.

Children and adults should be **ALERTED** to the hazards of high surface temperature and should **STAY AWAY** to avoid burns or clothing ignition.

YOUNG CHILDREN should be **CAREFULLY SUPERVISED** when they are in the same room as the appliance. Toddlers, young children and others may be susceptible to **ACCIDENTAL CONTACT BURNS**. A physical barrier is recommended if there are at-risk individuals in the house. To restrict access to a fireplace or stove, **INSTALL AN ADJUSTABLE SAFETY GATE** to keep toddlers, young children and other at-risk individuals out of the room and away from hot surfaces.

Safety and Your Fireplace

Please Read and Carefully Follow all Safety Warnings and Operating Instructions Contained in Your Owner's Manual

(Replacement Manuals are available by contacting our service department at 1-800-468-2567 or visit www.valorfireplaces.com).

Please Follow These Important Child Safety Precautions and Recommendations,

- Parts of your Valor Fireplace become **extremely hot** while in operation.
- The glass viewing **window temperature can exceed 500 F** at full capacity. Momentary contact with a hot glass surface can **cause a severe burn**, even if the fireplace is operating at reduced heating capacity.

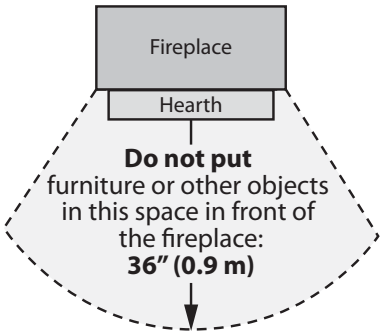
- **The glass window will remain hot** for an extended period of time after the fireplace has been turned off. Ensure that children are prevented from touching the fireplace during the cool down period.
- **Toddlers and Young Children must be closely supervised at all times** when they are in the same room as the operating fireplace. They lack full awareness of danger and rely on your protection. Toddlers, in particular, do not have the motor skills and response reflexes to withdraw in the event of accidental contact with a hot surface.
- **A physical barrier is strongly recommended** if there are young children, or at-risk individuals in the house. Install an approved after-market safety gate to keep toddlers, young children and other at-risk individuals a safe distance from the fireplace.
- **Keep the remote control handset out of reach of children at all times**. A wall mount storage holster is provided with your remote control handset.
- **Ensure that the fireplace, including the pilot light, is completely turned off** when children are present and close supervision and safety barriers are not available—see pages 9–10 of *Owner's Information* section.
- If the fireplace is not going to be used for the summer or any extended period of time, **remove the batteries from the remote control handset and receiver**. It is recommended that batteries are replaced annually in any event—see page 8.

⚠ WARNING

EXTREMELY HOT!!!

- **READ the SAFETY information on pages 3 and 4 of this manual BEFORE operating your gas heater.**
- Some parts of your fireplace are **EXTREMELY HOT**, particularly the **GLASS** window.
- **DO NOT LET CHILDREN** touch the glass or any parts of your fireplace **even after it is turned off** as it is still hot.
- **USE THE BARRIER SCREEN provided with the trim or a GATE** to reduce the risk of severe burns.
- Keep the remote control handset **OUT OF REACH** of children.
- **HOT WALL SURFACES!** The wall directly above the fireplace is **VERY HOT** when the fireplace heats. It is constructed of non-combustible materials and although safe, it may reach temperatures **in excess of 200º F** depending on choice of trims. **DO NOT TOUCH IT!**
- **HOT HEARTH/FLOOR SURFACE!** The hearth or floor directly in front of the fireplace is **VERY HOT** when the fireplace heats. Even if constructed of non-combustible materials, and although safe, it may reach temperatures **in excess of 200º F** depending on choice of materials. **DO NOT STEP ON IT!**
- Some materials or items, although safe, may discolor, shrink, warp, crack, peel, and so on because of the heat produced by the fireplace. **AVOID PLACING** candles, paintings, photos, and other items **SENSITIVE TO HEAT** within 36 inches (0.9 m) around the fireplace.
- Solid wood flooring in front of the fireplace (if allowed) may shrink during the heating season due to heat.

Performance of LPG appliances may be affected by the quality of commercial gas supplied in your area.



Thank You ...

For purchasing a Valor by Miles Industries. Your new radiant gas heater is a technical appliance that must be installed by a qualified dealer. Each Valor fireplace is fully tested during the production process for your safety and comfort.

Your unit has been professionally installed by:

Dealer Name: _____

Phone Number :_____

Should you encounter an operational problem, call your dealer immediately.

Do not try to repair the unit as you may cause an injury or damage the fireplace.

This manual and particularly the preceeding and following pages contain very important information regarding the safe operation of your fireplace as well as maintenance instructions.

Read carefully BEFORE operating your fireplace and pay special attention to the SAFETY WARNINGS.

A heating gas appliance does require safe handling and for this reason, we very strongly recommend that no children be allowed to touch the fireplace and its controls at all times. **Do install a screen or barrier in front of the fireplace to protect your children against severe burns.**

Operating Your Fireplace for the First Time

When operating your new fireplace for the first time, some vapors may be released due to the burning of curing compounds used in the manufacture of the appliance. They may cause a slight odor and could cause the flames to be the full height of the firebox, or even slightly higher, for the first few hours of operation.

It is also possible that these vapors could set off any smoke detection alarms in the immediate vicinity. These vapors are quite normal on new appliances. We recommend opening a window to vent the room. After a few hours use, the vapors will have disappeared and the flames will be at their normal height.

Flame Supervision Device

For your safety, this appliance is fitted with a flame supervision device which will shut-off the gas supply if, for any reason, the pilot flame goes out. This device incorporates a fixed probe, which senses the heat from the pilot flame. If the probe is cool, the device will prevent any gas flow unless manually lighting the pilot. See full lighting instructions on page 17 of this manual.

Cleaning Your Fireplace

⚠ WARNING

DO NOT TOUCH THE GLASS WHILE IT IS HOT!
Let the fireplace cool first before cleaning it.

Important - Glass cleaning - Mineral deposits
One of the by-products of the combustion process in a gas appliance is a mineral which can show up as a white film on the ceramic glass of the viewing door.

The composition of the deposit varies with location and time. It is believed to be associated with the varying sulfur content of the gas. You may have the problem intermittently.

We have consulted with ceramic glass manufacturers and they cannot offer a definitive solution to this problem. Dealers have tried various cleaning products with varying results. The following are recommendations only and are not meant to guarantee results.

NOTE: This is a problem beyond Miles Industries' control and is not covered under warranty.

- Clean the glass regularly as soon as you notice the buildup (white film). If the film is left for a longer period of time, it will etch into the glass. It is then much harder, if not impossible, to remove.
- ***NEVER use an abrasive cleaner on the ceramic glass.*** Any abrasion of the surface has the immediate effect of compromising the strength of the glass. An emulsion type cleaner is recommended.
- Use a soft damp cloth to apply the cleaner. Dry the glass with a soft, dry, preferably cotton cloth. Most paper towels and synthetic materials are abrasive to ceramic glass and should be avoided.
- Our dealers have had good results from the products listed below. We cannot, however, guarantee the results of these products.
  - Brasso, Polish Plus by Kelkem, Cook Top Clean Creme by Elco, White Off by Rutland, Turtle Wax

Do not clean the glass while it is hot!

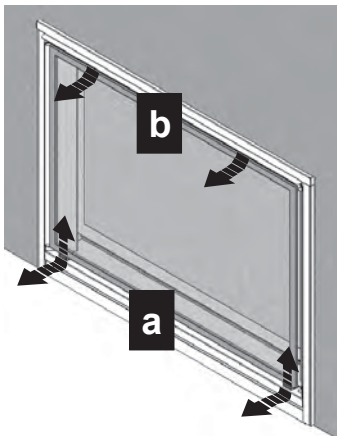
Always securely replace the window and the barrier screen before lighting.

If broken, the glass pane may only be replaced as a complete window unit as supplied by the manufacturer.

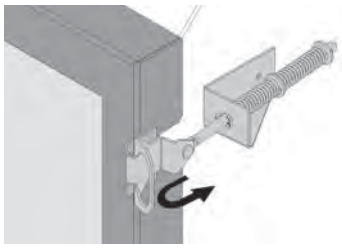
If the barrier becomes damaged, the barrier shall be replaced with the manufacturer's barrier for this appliance.

To remove the window for cleaning:

1. Remove the barrier screen. Slide the screen up to disengage the bottom tabs then unhook the top tabs.
2. Remove the side panels by pulling them sideways towards the center, sliding them out of their slots behind the trim face.



3. Find the levers on each side of the window towards the top. Using your finger, pull the levers towards you and unhook them from the window frame brackets.
4. Gently pull the top of the window outward.
5. Lift the window out of its bottom railing and set it aside in a safe place to avoid damage.



Spring Loaded Window Levers

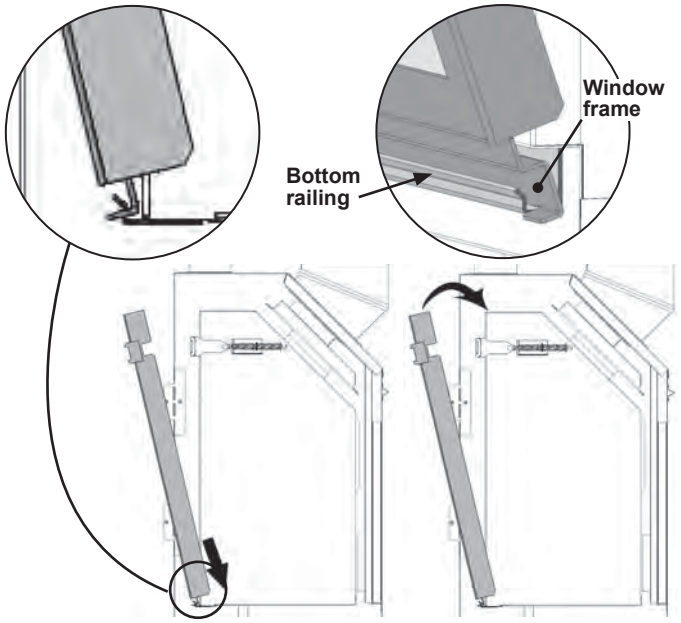
Clean the window following the guidelines in this section.
Clean the steel trims with mild soap and warm water. *Any alcohol/solvent base cleaner will weaken the coating and damage it.*
Clean the cast iron trims dusting with a soft brush.
Clean the barrier screens dusting with a soft brush.
Clean the firebox ceramic logs/rocks and walls dusting them with a soft brush. Dust can also be removed from the burner using a soft brush after removing the ceramic logs. **When cleaning, make sure that no particles are brushed into the slots of the burner.**

⚠ WARNING

CHOKING HAZARD! Ensure that the fireplace area is clear of fireglass or shale particles as these could be ingested by small children. Vacuum thoroughly around the fireplace area after cleaning.

To refit the window:

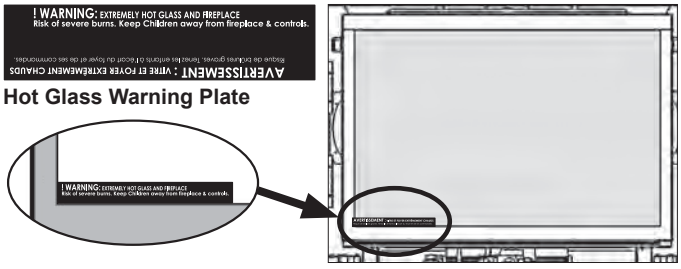
1. Place it in its bottom railing and push its top against the firebox.
   Note: Ensure to remove any shale or glass particles in the railing before installing the window.



2. While you hold it, pull the side levers back into the window brackets on each side.
3. Apply light hand pressure against the window frame sides to bed-in the window seal.

IMPORTANT: To ensure a safe operation, verify that the levers are hooked properly to the window tabs; then, pull out the top of the window and release it to insure the springs return it.
Also, double-check that the bottom of the window frame is correctly installed in its the bottom railing.

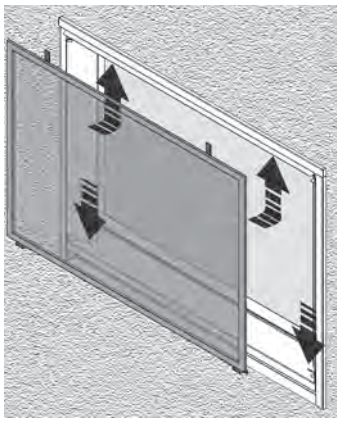
4. **If the Hot Glass Warning plate has been removed from the front lower corner of the window, reinstall it by sliding it between the glass and the frame as indicated.**

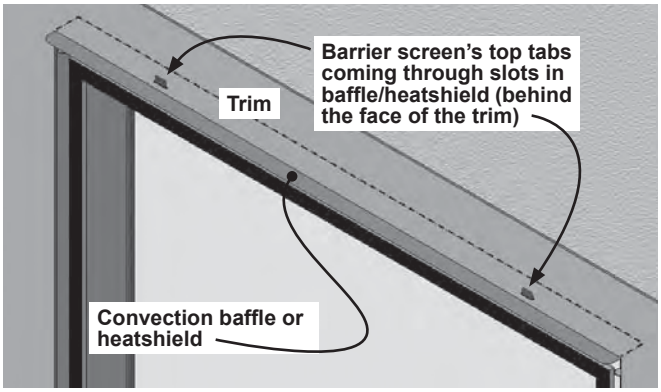

! WARNING: EXTREMELY HOT GLASS AND FIREPLACE
Risk of severe burns. Keep Children away from fireplace & controls.
AVERTISSEMENT : VITRE ET FOYER EXTRÊMEMENT CHAUDS
Hot Glass Warning Plate

⚠ WARNING

FOR SAFETY PURPOSE, ensure the barrier screen is re-installed on the fireplace front after maintenance.

5. Reinstall the side doors sliding them sideways to insert their tabs behind the front face of the trim.
6. **Reinstall the barrier screen on the trim.**
   a) **1130, 1135, 1140, 1145 trims:** Insert the screen's top tabs in the slots on the underside of the convection baffle or heatshield, then insert the screen's bottom tabs in the slots of the removable panel at the bottom to lock it in position.



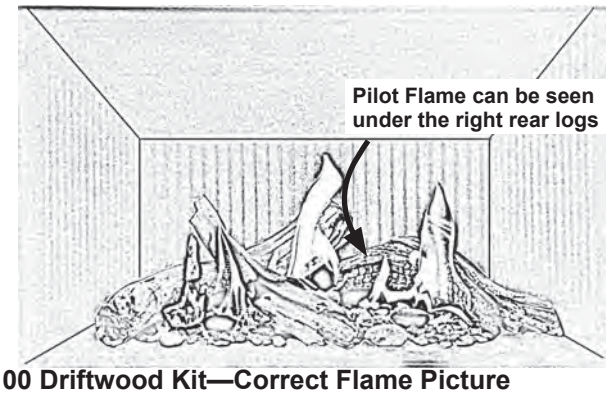

Barrier screen's top tabs coming through slots in baffle/heatshield (behind the face of the trim)
Trim
Convection baffle or heatshield

   Ensure the screen is secure and seated all the way down into the bottom slots. There should be a 1" gap between the top of the barrier screen and the trim.

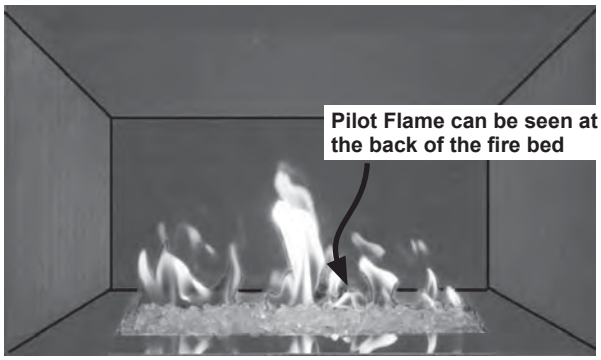
   b) **1135 Edgemont trims:** Hook the top of the screen to the top of the trim. While hooking the top hooks, direct the bottom tabs into the slots of the removable panel at the bottom to lock it in position. Ensure the screen is secure and seated all the way down into the bottom slots.
7. Verify that the screen is properly hooked and secure.

Checking Pilot and Burner Flames

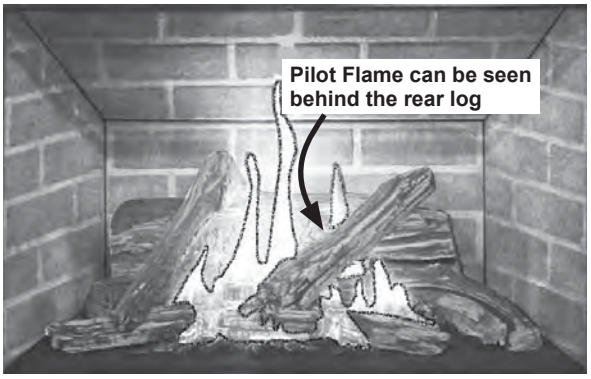
A periodic check of the pilot and burner flames should be made. Check after the fire has been on for at least 30 minutes. The pilot flame must cover the tip of the thermocouple probe. The main burner flame pattern will vary from appliance to appliance depending on the type of installation and climatic conditions.



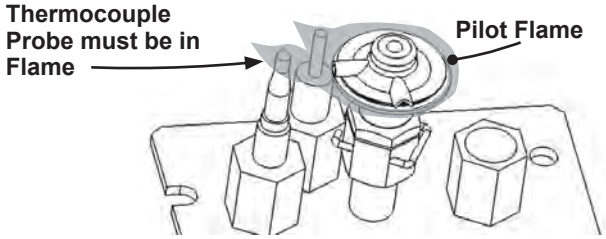
1100 Driftwood Kit—Correct Flame Picture



1100 Decorative Glass Murano—Correct Flame Picture
1100 Decorative Glass Set—Correct Flame Picture



1150 Log Set—Correct Flame Picture



The appliance area must always be kept clear and free from combustible materials, gasoline and other flammable vapors and liquids.

Inspect the vent terminal outdoors regularly to make sure that snow, trees, bushes, leaves, or other objects do not obstruct it.

Examine the vent system and terminal regularly. We recommend annually.

Replacing Batteries

⚠WARNING

DO NOT ATTEMPT TO CHANGE THE BATTERIES WHILE THE FIREPLACE IS STILL HOT! Let the fireplace cool first before touching it.

CAUTION

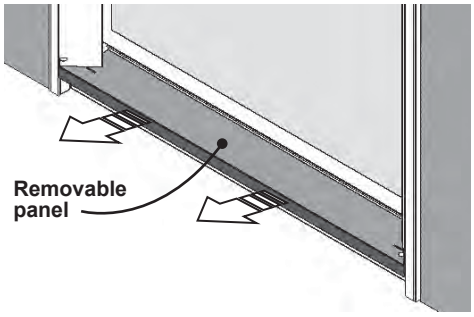
DO NOT USE a screwdriver or other metallic object to remove the batteries from the receiver or the handset! This could cause a short circuit.

Low batteries signal: see page 15.

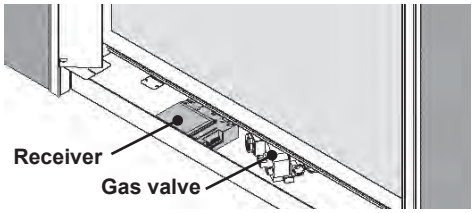
The appliance uses four 1.5 V AA **alkaline** batteries for its receiver and two AAA **alkaline** battery for its handset. Batteries should last one to two seasons, depending on usage. Removing the batteries in the off-season will extend the battery life.

To replace the batteries in the receiver:
The receiver is located to the left side of the gas valve under the removable panel in front of the appliance.

1. Remove the barrier screen and the removable panel. It is not necessary to remove the side doors.



2. Pull the receiver out.



3. Slide the receiver battery compartment's cover off.
4. Replace the batteries with 4 AA **alkaline** batteries orienting them as indicated inside the compartment.
5. Replace the cover.
6. Put the receiver back in its location at the left of the gas valve.
7. Reinstall the removable panel sliding it back under the side doors until it is flush with the sides of the trim.
8. Reinstall the barrier screen.

Using Handset Wall Holder

Your fireplace equipment includes a wall holder to store the handset. If it hasn't be installed, refer to the instructions further on in this manual for the installation.

Locating Lighting, Operation and Rating Information Card

⚠ WARNING

DO NOT ATTEMPT TO TOUCH THE INFORMATION CARD WHILE THE FIREPLACE IS STILL HOT! Let the fireplace cool first before touching it.

The Lighting, Operation and Rating Information card is located at the right hand side of the firebox behind the side door panel.

To access the information card, unhook the barrier screen and remove the right side door by pulling on it sideways.

The card is permanently attached by a wire to the firebox. Pull it out and read the important information on both sides.

Servicing Your Fireplace

If any attention is required for your appliance, contact your supplier quoting the model number. It will be helpful if the appliance's serial number can also be quoted. This number is on the rating plate. The replacement parts are shown at the end of this manual. Please always quote the part number and description when requesting spare parts.

Operating Your Fireplace

There are two ways to control your fireplace.

1. Thermostatic Remote Control;
2. Wall Switch (optional).

The Thermostatic Remote Control can be programmed to function automatically—see pages 11–15.

The Wall Switch can be used to turn on, off and to increase or decrease the flame height—see the 1265WSK—Wall Switch Kit.

Thermostatic Remote Control

Wall Switch (optional)

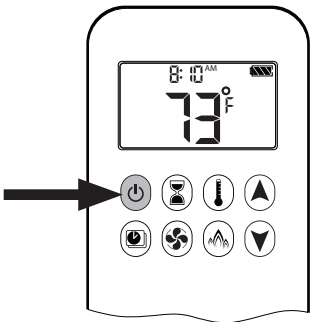
How to Turn Your Fireplace OFF (including pilot)

Familiarize yourself with each of the following methods before operating your fireplace.

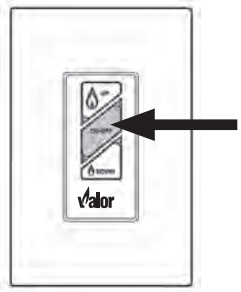
Press and hold for 4 seconds the ⏻ button on the handset or OFF button on the optional wall switch.

NOTE: The first tap on the button "wakes up" the handset. Tap again to use the function.

If the flames are on, they go down and you hear the valve motor wind down. You hear a clunk and a beep indicating that the valve has received the signal from the remote control.



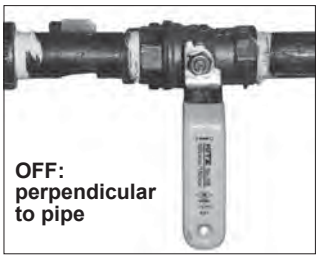
Remote control handset



Wall Switch (optional)

As well, familiarize yourself with the gas shut-off valve location in your house. As indicated below, the gas is running when the handle is parallel with the pipe. The gas is off when the handle is perpendicular with the pipe.

ON: parallel to pipe

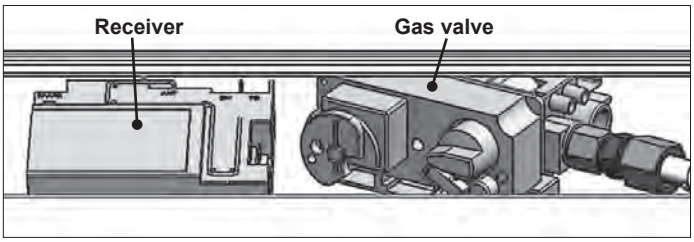


OFF: perpendicular to pipe

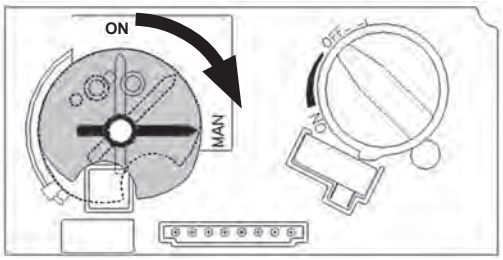
How to Ensure Your Fireplace Cannot Be Turned ON Inadvertently

You can use one of the two following methods to ensure that your fireplace will not turn on when you don't want it on.

First, ensure your fireplace is turned off—including the pilot—and cold BEFORE going ahead.



- Turn the dial on the gas valve from the ON position to the MAN position as shown. Turning the dial to MAN (arrow up) will ensure that the main burner can not come on. The pilot will remain on if it is lit.



Gas valve

- Alternately, remove all batteries from the receiver as well as the battery from the handset.

Automatic Shut-Off (in certain conditions)

Your fireplace's remote control is equipped with an automatic shut-off mechanism which is activated in certain conditions. See page 15 in the *Remote Control Operation* section for a description of this feature.

Remote Control Operation

NOTE: Before using the remote control system for the first time, the receiver and the handset must be paired. See the section *Remote Control Initial Pairing* on page 61 of this manual.

CHOOSING ONE-BUTTON OR TWO-BUTTON IGNITION

On this remote control handset, you can choose a one-button or two-button ignition. You can also choose to activate or disactivate some of the functions. By default, the handset is set to a one-button ignition.

To change from 1-button ignition to 2-button ignition, remove the batteries, wait 10 seconds, reinsert them and immediately when the display flashes, press and hold the ⏻ button for 10 seconds. **ON** is displayed and **1** is flashing. When change is complete **1** changes to **2**.

To change from two-button ignition to one-button ignition, proceed the same way as above. **ON** is displayed and **2** is flashing. When change is complete **2** changes to **1**.

DEACTIVATING OR ACTIVATING FUNCTIONS

Some functions can be deactivated or activated.

Deactivate Functions

1. Install batteries. All icons are displayed and flashing.
2. While the icons are flashing, press the relevant function button and hold for 10 sec.
3. The function icon will flash until deactivation is complete. Deactivation is complete when the function icon and two horizontal bars are displayed. ▬▬

NOTE: If a deactivated button is pressed, there is no function, and two horizontal bars are displayed.

NOTE: Deactivation remains in effect after change of batteries.

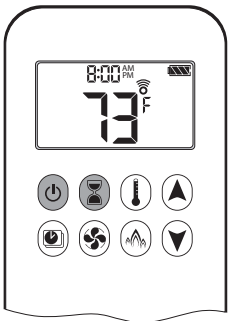
Activate Functions

1. Install batteries. All icons are displayed and flashing.
2. To activate a function, press the relevant button and hold for 10 sec.
3. The function icon will continue to flash until activation is complete. Activation is complete when the function icon is displayed.

The following Functions can be Deactivated/Activated

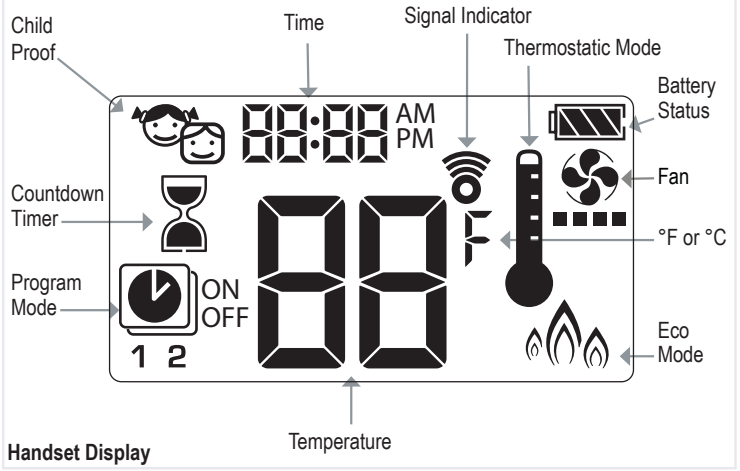
- CHILD PROOF
- PROGRAM MODE
- THERMOSTATIC MODE (also deactivates Program Mode)
- ECO MODE
- CIRCULATING FAN OPERATION
- COUNTDOWN TIMER

SETTING CELSIUS OR FAHRENHEIT



To change between °C and °F, press ⏻ and ⏳ buttons simultaneously.

NOTE: Choosing °F results in a 12 hour clock. Choosing °C results in a 24 hour clock.

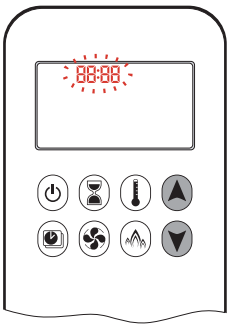


Handset Display

⚠ WARNING

IMPORTANT: If the display on the handset indicates OFF, it may not mean that the fire is off. **Always check the fire and pilot visually to ensure they are off.**

SETTING THE TIME



1. Press ▲ and ▼ buttons simultaneously. **Day** flashes.
2. Press ▲ or ▼ button to select a number to correspond with the day of the week.
   1 = Monday
   2 = Tuesday
   3 = Wednesday
   4 = Thursday
   5 = Friday
   6 = Saturday
   7 = Sunday
3. Press ▲ and ▼ buttons simultaneously. **Hour** flashes.
4. To select hour press ▲ or ▼ button.
5. Press ▲ and ▼ buttons simultaneously. **Minutes** flash.
6. To select minutes press ▲ or ▼ button.
7. To confirm press ▲ and ▼ buttons simultaneously or wait.

CHILD PROOF

ON:
To activate press ⏻ and ▼ buttons simultaneously. 🔒 displayed and the handset is rendered inoperable, except for the OFF function.

OFF:
To deactivate press ⏻ and ▼ buttons simultaneously. 🔒 disappears.

Remote Control Operation

MANUAL MODE (HANDSET)

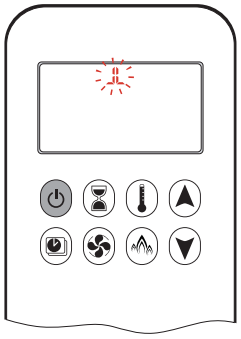
NOTICE

BEFORE OPERATING
Make sure MANUAL knob on the GV60 Valve is in the **ON**, full counterclockwise position.

TO TURN ON FIRE

⚠ WARNING

When pilot ignition is confirmed, motor turns automatically to maximum flame height.

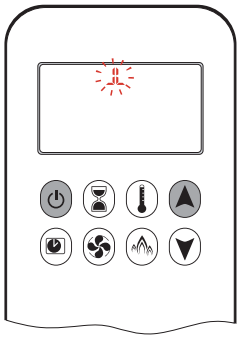


Handset One-Button Operation
(Default Setting)

- Press ⏻ button and hold for four seconds until two short beeps and a blinking series of lines confirms the start sequence has begun; release button.
- Main gas flows once pilot ignition is confirmed.
- Handset automatically goes into manual mode after main burner ignition.

NOTICE

To change from one-button to two-button ignition operation, go to page 1 for instructions.



Handset Two-Button Operation

- Press ⏻ and ▲ button simultaneously until two short beeps and a blinking series of lines confirms the start sequence has begun; release buttons.
- Main gas flows once pilot ignition is confirmed.
- Handset automatically goes into manual mode after main burner ignition.

NOTICE

To change from two-button to one-button ignition operation, go to page 1 for instructions.

⚠ WARNING

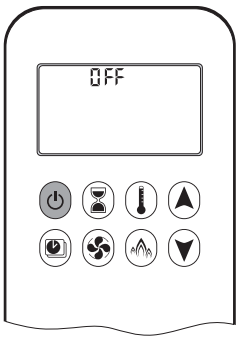
If the pilot does not stay lit after several tries, turn the gas control knob to **OFF** (↻) and call your local service technician or gas supplier. See page 17 for more information.

STANDBY MODE (PILOT FLAME)

Handset

- Press and hold ▼ button to set appliance to pilot flame.

TO TURN OFF FIRE



Handset

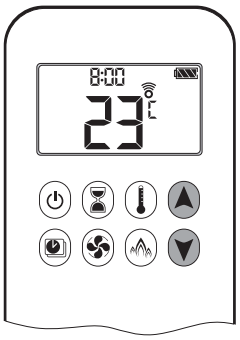
- Press ⏻ button and hold for four seconds to turn OFF.

NOTE: There is a 5 sec delay before the next ignition is possible.

⚠ WARNING

IMPORTANT: If the display on the handset indicates OFF, it may not mean that the fire is off. **Always check the fire and pilot visually to ensure they are off.**

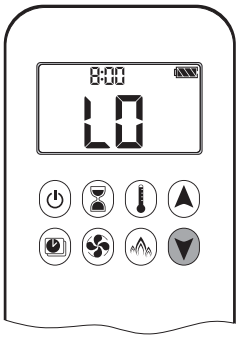
FLAME HEIGHT ADJUSTMENT



Handset

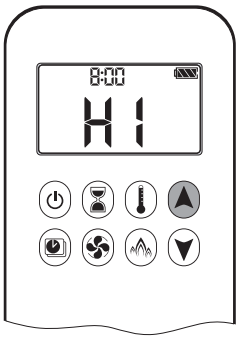
- To increase flame height press and hold ▲ button.
- To decrease flame height or to set appliance to pilot flame, press and hold ▼ button.

DESIGNATED LOW FIRE AND HIGH FIRE



- To go to low fire, double-click ▼ button. "LO" is displayed.

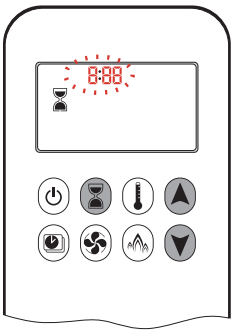
NOTE: Flame goes to high fire first before going to low fire.



- To go to high fire, double-click ▲ button. "HI" is displayed.

Remote Control Operation

COUNTDOWN TIMER

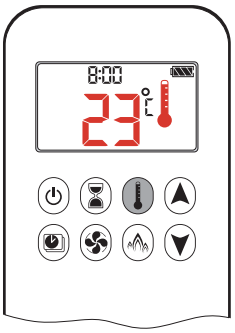


ON/SETTING:
1. Press and hold ⏳ button until ⏳ displayed, and hour flashes.
2. To select hour press ▲ or ▼ button.
3. To confirm press ⏳ button. **Minutes** flash.
4. To select minutes press ▲ or ▼ button.
5. To confirm press ⏳ button or wait.

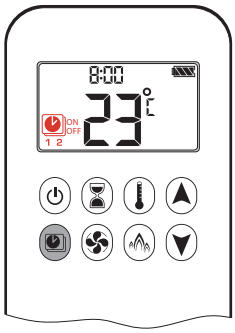
OFF:
Press ⏳ button, ⏳ and countdown time disapear.

NOTE: At end of countdown time period, the fire turns off. The CountdownTimer only works in Manual, Thermostatic, and Eco Modes. Maximum countdown time is 9 hours and 50 minutes.

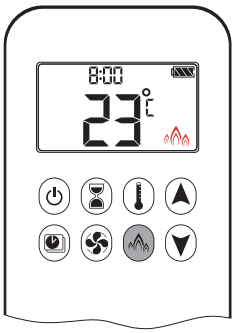
MODES OF OPERATION



Thermostatic Mode
The room temperature is measured and compared to the set temperature. The flame height is then automatically adjusted to achieve the set temperature.

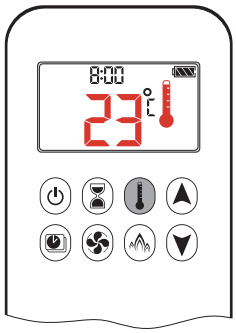


Program Mode
Programs 1 and 2, each can be programmed to go on and off at specific times at a set temperature.



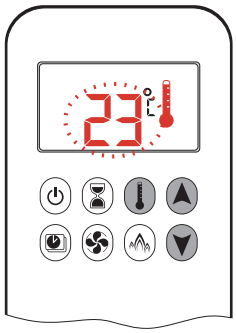
Eco Mode
Flame height modulates between high and low. If the room temperature is lower than the set temperature, the flame height stays on high for a longer period of time. If the room temperature is higher than the set temperature, the flame height stays on low for a longer period of time. One cycle lasts approximately 20 minutes.

THERMOSTATIC MODE



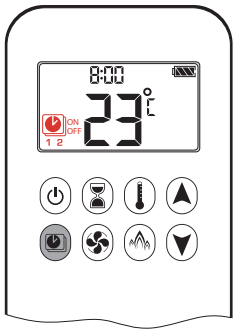
ON:
Press 🌡 button. 🌡 displayed, preset temperature displayed briefly, and then room temperature displayed.
played.

OFF:
1. Press 🌡 button.
2. Press ▲ or ▼ button to enter Manual Mode.
3. Press ⏲ button to enter Program Mode.
4. Press 🔥 button to enter Eco mode.

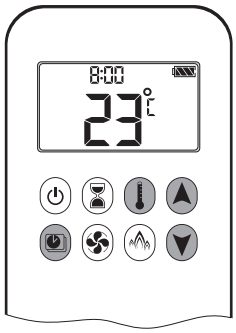


SETTING:
1. Press 🌡 button and hold until 🌡 displayed, temperature flashes.
2. To adjust SET temperature press ▲ or ▼ button.
3. To confirm press 🌡 button or wait.

PROGRAM MODE



ON:
Press ⏲ button. ⏲, **1** or **2**, ON or OFF displayed.

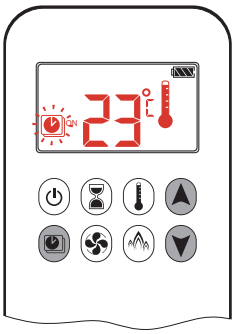


OFF:
1. Press ⏲ or ▲ or ▼ button to enter Manual Mode.
2. Press 🌡 button to enter Thermostatic Mode.

NOTE: The set temperature for Thermostatic Mode is the temperature for the ON time in Program Mode. Changing the Thermostatic Mode set temperature also changes the ON time temperature in Program Mode.

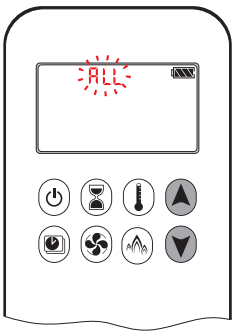
Remote Control Operation

Default settings:
ON TIME (Thermostatic) TEMPERATURE: 21°C (70°F)
OFF TIME TEMPERATURE: "- -" (pilot flame only)



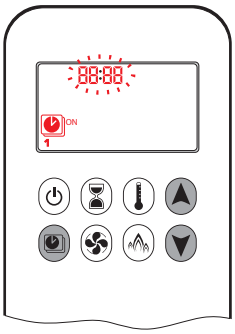
TEMPERATURE SETTING:
1. Press ⏻ button and hold until ⏻ flashes. **ON** and set temperature (setting in Thermostatic Mode) displayed.
2. To continue press ⏻ button or wait. ⏻, **OFF** displayed, temperature flashes.
3. Select off temperature by pressing the ▲ or ▼ button.

NOTE: The ON (Thermostatic) and OFF set temperatures are the same for each day.

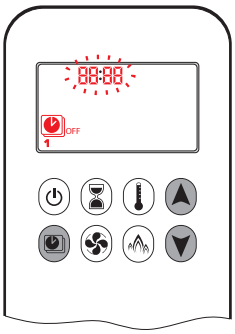


DAY SETTING:
4. ALL flashes. Press ▲ or ▼ button to choose between ALL, SA:SU, 1, 2, 3, 4, 5, 6, 7.
5. To confirm press ⏻ button.

ALL selected



ON TIME SETTING (PROGRAM 1):
6. ⏻, **1**, **ON** displayed, day is displayed shortly, and **hour** flashes.
7. To select hour press ▲ or ▼ button.
8. To confirm press ⏻ button. ⏻, **1**, **ON** displayed, **minutes** flash.
9. To select minutes press ▲ or ▼ button.
10. To confirm press ⏻ button.



OFF TIME SETTING (PROGRAM 1):
11. ⏻, **1**, **OFF** displayed, day is displayed shortly, and **hour** flashes.
12. To select hour, press ▲ or ▼ button.
13. To confirm press ⏻ button. ⏻, **1**, **OFF** displayed, **minutes** flash.
14. To select minutes press ▲ or ▼ button.
15. To confirm press ⏻ button.

NOTE: Either continue to PROGRAM 2 and set on and off times or stop programming at this point, and PROGRAM 2 remains deactivated.

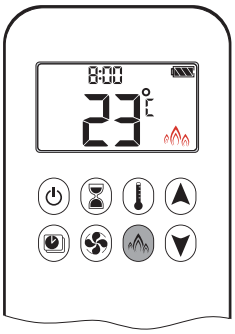
NOTE: PROGRAM 1 and 2 use the same on (Thermostatic) and off temperatures for ALL, SA:SU and "Daily Timer" (1, 2, 3, 4, 5, 6, 7). Once a new on (Thermostatic) and/or off temperature has been set, that temperature becomes the new default setting.

NOTE: If ALL, SA:SU or "Daily Timer" are programmed for PROGRAM 1 and PROGRAM 2 on and off times, these become the new default times. The batteries must be removed to clear the PROGRAM 1 and PROGRAM 2 on and off times and temperatures.

SA:SU or "Daily Timer" (1, 2, 3, 4, 5, 6, 7) selected

- Set on time and off time using same procedure as "ALL **selected**" (above).
- SA:SU: Set on time and off time for both Saturday and Sunday.
- Unique on and off times may be set for a single day of the week, for multiple days of the week, or for every day of the week.
- Wait to finish setting.

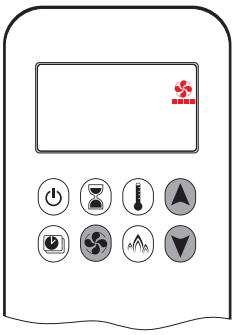
ECO MODE



ON:
Press 🔥 button. 🔥 displayed.

OFF:
Press 🔥 button. 🔥 disappears.

CIRCULATING FAN OPERATION



NOTE: SETTING only. Fan is switched on automatically when gas opens. Circulating fan has 4 speed levels from low (1 bar) to high (4 bars).

SETTING:
1. Press 🌀 button and hold until 🌀 flashes.
2. Press ▲ button to increase fan speed and ▼ button to decrease fan speed.
3. To confirm setting either press 🌀 button or wait (🌀 displayed).

OFF:
Press ▼ button until all 4 speed level bars disappear.

Remote Control Operation

LOW BATTERY INDICATION

⚠ WARNING

Do not use a screwdriver or other metallic object to remove the batteries from the receiver or the handset. This could cause a short-circuit of the remote control system.

Handset

- The battery icon will show when the battery needs to be replaced. Remplace with two 1.5 V AAA **alkaline** batteries.

Receiver

- Three short beeps will sound when the motor turns when the batteries need to be replaced. Replace with four 1.5 V **alkaline** batteries.

AUTOMATIC TURN DOWN

3 Hour No Communication Function

- The valve will turn to pilot flame if there is no communication between handset and receiver for a 3-hour period. The fire will continue to function normally when communication is restored.

Receiver Overheating

(only if optional circulating fan control module is connected)

- Valve turns to pilot flame if the temperature in the receiver is higher than 140°F (60°C). The main burner turns back on (manually or in Thermostatic Mode) only when the temperature is below 140°F (60°C).

AUTOMATIC SHUT OFF

Countdown Timer

- At end of countdown time period, the fire turns off. The CountdownTimer only works in Manual, Thermostatic, and Eco Modes. Maximum countdown time is 9 hours and 50 minutes.

Low Battery Receiver

- With low battery power in the receiver the system shuts off the fire completely. This will not happen if the power supply is interrupted.

Five Day Shut Off

- The system shuts off the fire completely if there is no change in flame height for 5 days.

Options

Required Kits		
Fuel Beds (choose one)—1100 units only		
1101DWK	Driftwood Kit	
1103DGM	Murano Glass Kit	
1104DGS	Decorative Glass Set	
Ceramic Liners (choose one)—1100 and 1150 units		
1110VRL	Valor Red Liner	
1115LSL	Ledgestone Liner	
1125FBL	Fluted Black Liner	
Trims (choose one)—1100 and 1150 units		**Barrier Screen Number**
1130MTB	Minimal Trim	4003810
1135TSB	Three-Sided Trim Black	4003810
1135TSBEN	Three-Sided Trim Edgemont Nickel	4004423
1135TSBEZ	Three-Sided Trim Edgemont Bronze	4004423
1140FSB	Four-Sided Trim Black	4003810
1140FSN	Four-Sided Trim Nickel	4003810
1140FSZ	Four-Sided Trim Bronze	4003810
1145CBP+1145BDK	Cast Backing Plate w Barrier and Door Kit	4003810
1149EDV	Edgemont Double Doors	
Optional Accessories		
Trim Optional Accessories—1100 and 1150 units		
1147CMS	Cast Mantel Surround	
1148CIR	Cast Inlay Reeds	
1148CIS	Cast Inlay Sheffield	
1148CIT	Cast Inlay Tatch	
Conversion Kits—1100 and 1150 units		
1100PGK	From NG to LPG—1100 units only	
1100NGK	From LPG to NG—1100 units only	
1150PGK	From NG to LPG—1150 units only	
1150NGK	From LPG to NG—1150 units only	
Other Accessories—1100 and 1150 units		
1105RGL	Reflective Liner for 1125FBL	
1156CLA	Co-Linear Adapter	
1195CFK	Circulating Fan Kit	
1265WSK	Wall Switch Kit	
1270RBK	Remote Blower Kit	
1506DRK	Decorative Rock Kit—1100 units only	
GV60PAK	Power Kit	
Hearth Gate	Hearth gates such as Cardinal's VersaGates are available at retail stores carrying safety products for children. *Information accurate at the time of printing and subject to change without notice.	

Lighting Instructions

FOR YOUR SAFETY, READ BEFORE LIGHTING

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

A. This appliance has a pilot which must be lighted by hand, remote control, or wall switch. Follow these instructions exactly. To save gas, turn the pilot off when not using the appliance for a prolonged period of time.

B. **BEFORE LIGHTING**, smell all around the appliance area for gas. Be sure to smell next to the floor because some gases are heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

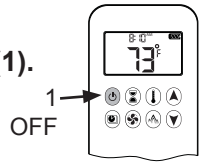
- Do not try to light any appliance.
- Do not touch any electric switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

C. Use only your hand to push in or turn the control knobs. Never use tools. If the knobs will not push in or turn by hand, don't try to repair them; call a qualified service technician. Force or attempted repair may result in a fire or explosion.

D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control, which has been under water.

LIGHTING INSTRUCTIONS

1. **STOP!** Read the safety information above.
2. **TO CLEAR ANY GAS, turn main valve off by pressing the ⏻ button on remote handset (1).**
   - Wait five (5) minutes to clear out any gas, then smell for gas, including near the floor. **If you smell gas, STOP!** Follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.



3. **AUTOMATIC IGNITION:** MAN-knob (2) in ON position. Ensure Flame Adjustment knob (3) is set to lowest setting (↻) (Fig. 1). Locate the pilot (Fig. 3.) inside the firebox.
   - On the remote control handset, press the ⏻ button; a short acoustic signal confirms the start has begun.
   - Further short acoustic signals indicate the ignition process is in progress.
   - When the pilot is lit, the Flame Adjustment knob (3) will automatically rotate to the highest setting.
   - Press the ▼ button on the remote control handset to reduce the flame height.

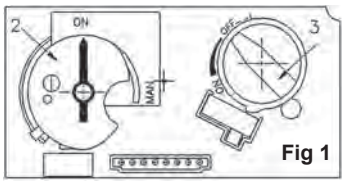


Fig 1

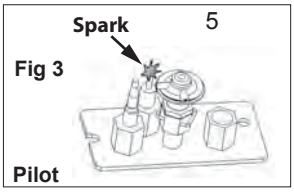


Fig 3

4. **MANUAL IGNITION:** MAN-knob (2) in MAN position (Fig. 2). With the window off, locate the pilot (Fig. 3) inside the firebox.
   - Set Flame Adjustment knob (3) to the lowest setting (↻).
   - Push down the metallic core (4) with a pen or similar instrument; this will establish the pilot gas flow.
   - Light gas at the pilot (5) with a match.
   - Continue holding down metal core (4) for about 10 seconds; after release, pilot should remain lit.
     - If the pilot will not stay lit after several tries, turn the gas control knob (3) to OFF (↻) and call your local service technician or gas supplier.
   - Reinstall the window and set the MAN-knob (2) to ON; turn Flame Adjustment knob (3) up (↺) or down (↻) manually or use the ▲ and ▼ buttons on the remote control handset to adjust the flame height.

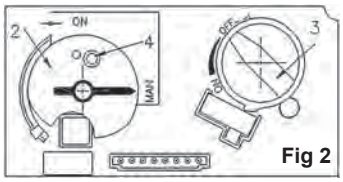


Fig 2

TO TURN OFF GAS TO APPLIANCE

AUTOMATIC SHUT-OFF (using the remote control handset):

- Press and hold the ▼ button on the remote control handset to shut-off the main burner gas flow.
- Press the ⏻ button on remote handset to shut-off the appliance, including pilot flame.

Commonwealth of Massachusetts

State of Massachusetts Carbon Monoxide Detector/Vent Terminal Signage Requirements

For all side wall horizontally vented gas fueled equipment installed in every dwelling, building or structure used in whole or in part for residential purposes, including those owned or operated by the Commonwealth and where the side wall exhaust vent termination is less than seven (7) feet above finished grade in the area of the venting, including but not limited to decks and porches, the following requirements shall be satisfied:

1. INSTALLATION OF CARBON MONOXIDE DETECTORS. At the time of installation of the side wall horizontal vented gas fueled equipment, the installing plumber or gas fitter shall observe that a hard wired carbon monoxide detector with an alarm and battery back-up is installed on the floor level where the gas equipment is to be installed. In addition, the installing plumber or gas fitter shall observe that a battery operated or hard wired carbon monoxide detector with an alarm is installed on each additional level of the dwelling, building or structure served by the side wall horizontal vented gas fueled equipment. It shall be the responsibility of the property owner to secure the services of qualified licensed professionals for the installation of hard wired carbon monoxide detectors.

a. In the event that the side wall horizontally vented gas fueled equipment is installed in a crawl space or an attic, the hard wired carbon monoxide detector with alarm and battery back-up may be installed on the next adjacent floor level.

b. In the event that the requirements of this subdivision can not be met at the time of completion of installation, the owner shall have a period of thirty (30) days to comply with the above requirements; provided, however, that during said thirty (30) day period, a battery operated carbon monoxide detector with an alarm shall be installed.

2. APPROVED CARBON MONOXIDE DETECTORS. Each carbon monoxide detector as required in accordance with the above provisions shall comply with NFPA 720 and be ANSI/UL 2034 listed and IAS certified.

3. SIGNAGE. A metal or plastic identification plate shall be permanently mounted to the exterior of the building at a minimum height of eight (8) feet above grade directly in line with the exhaust vent terminal for the horizontally vented gas fueled heating appliance or equipment. The sign shall read, in print size no less than one-half (1/2) inch in size, “GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS”.

4. INSPECTION. The state or local gas inspector of the side wall horizontally vented gas fueled equipment shall not approve the installation unless, upon inspection, the inspector observes carbon monoxide detectors and signage installed in accordance with the provisions of 248 CMR 5.08(2)(a)1 through 4.

(b) EXEMPTIONS: The following equipment is exempt from 248 CMR 5.08(2)(a)1 through 4:

1. The equipment listed in Chapter 10 entitled “Equipment Not Required To Be Vented” in the most current edition of NFPA 54 as adopted by the Board; and

2. Product Approved side wall horizontally vented gas fueled equipment installed in a room or structure separate from the dwelling, building or structure used in whole or in part for residential purposes.

(c) MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM PROVIDED. When the manufacturer of Product Approved side wall horizontally vented gas equipment provides a venting system design or venting system components with the equipment, the instructions provided by the manufacturer for installation of the equipment and the venting system shall include:

1. Detailed instructions for the installation of the venting system design or the venting system components; and

2. A complete parts list for the venting system design or venting system.

(d) MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM NOT PROVIDED. When the manufacturer of a Product Approved side wall horizontally vented gas fueled equipment does not provide the parts for venting the flue gases, but identifies “special venting systems”, the following requirements shall be satisfied by the manufacturer:

1. The referenced “special venting system” instructions shall be included with the appliance or equipment installation instructions; and

2. The “special venting systems” shall be Product Approved by the Board, and the instructions for that system shall include a parts list and detailed installation instructions.

(e) A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.

Specifications

Approval & Codes

This appliance is certified to ANSI Z21.88-2014/ CSA 2.33-2014 American National Standard / CSA Standard for *Vented Gas Fireplace Heaters* for use in Canada and USA, and to CGA 2.17-91 *High Altitude Standard in Canada*. This appliance is for direct vent installations.

This appliance complies with CSA P4.1-09 *Testing method for measuring annual fireplace efficiencies*.

The installation must conform to local codes or, in the absence of local codes, with the *National Fuel Gas Code, ANSI Z223.1* or the *Natural Gas and Propane Installation Code CAN/CGA-B149*. Only qualified licensed or trained personnel should install this appliance.

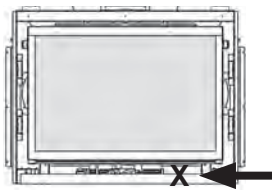
This appliance must be electrically grounded in accordance with local codes, or, in the absence of local codes, with the *National Electrical Code, ANSI/NFPA 70* or the *Canadian Electrical Code, CSA C22.1*.

Ratings

Model	1100IN	1100IP
Gas	Natural	Propane
Altitude (Ft.)*	0-4,500 feet*	
Input Maximum (Btu/h)	28,000	28,000
Input Minimum (Btu/h)	13,000	13,000
Manifold Pressure (in w.c.)	3.5”	9”
Minimum Supply Pressure (in w.c.)	5”	11”
Maximum Supply Pressure (in w.c.)	10”	14”
Main Burner Injector Marking	850	300
Pilot Injector Marking	51	30
Min. Rate By-Pass Screw	185	125

Model	1150ILN	1150ILP
Gas	Natural	Propane
Altitude (Ft.)*	0-4,500 feet*	
Input Maximum (Btu/h)	30,000	30,000
Input Minimum (Btu/h)	13,500	13,500
Manifold Pressure (in w.c.)	4”	9”
Minimum Supply Pressure (in w.c.)	5”	11”
Maximum Supply Pressure (in w.c.)	10”	14”
Main Burner Injector Marking	850	360
Pilot Injector Marking	51	30
Min. Rate By-Pass Screw	185	125

*High Altitude Installations



Input ratings are shown in BTU per hour and are certified without deration for elevations up to 4,500 feet (1,370 m) above sea level.

For elevations above 4,500 feet (1,370 m) in USA, installations must be in accordance with the current ANSI Z223.1 and/or local codes having jurisdiction. Heating value of gas in some areas is reduced to compensate for elevation—consult your local gas utility to confirm.

For installations at elevations above 4,500 feet (1,370 m) in Canada, please consult provincial and/or local authorities having jurisdiction.

Supply Gas

Heater engines 1100IN and 1150ILN are used with natural gas.
Heater engines 1100IP and 1150ILP are used with propane gas.

The supply pressure must be between the limits shown in the *Ratings* section.

The supply connection is 3/8” NPT male and located on the right hand side of the firebox. A shut-off valve (not supplied) is required on the supply line to isolate the unit during service. See *Supply Gas Installation* section for details.

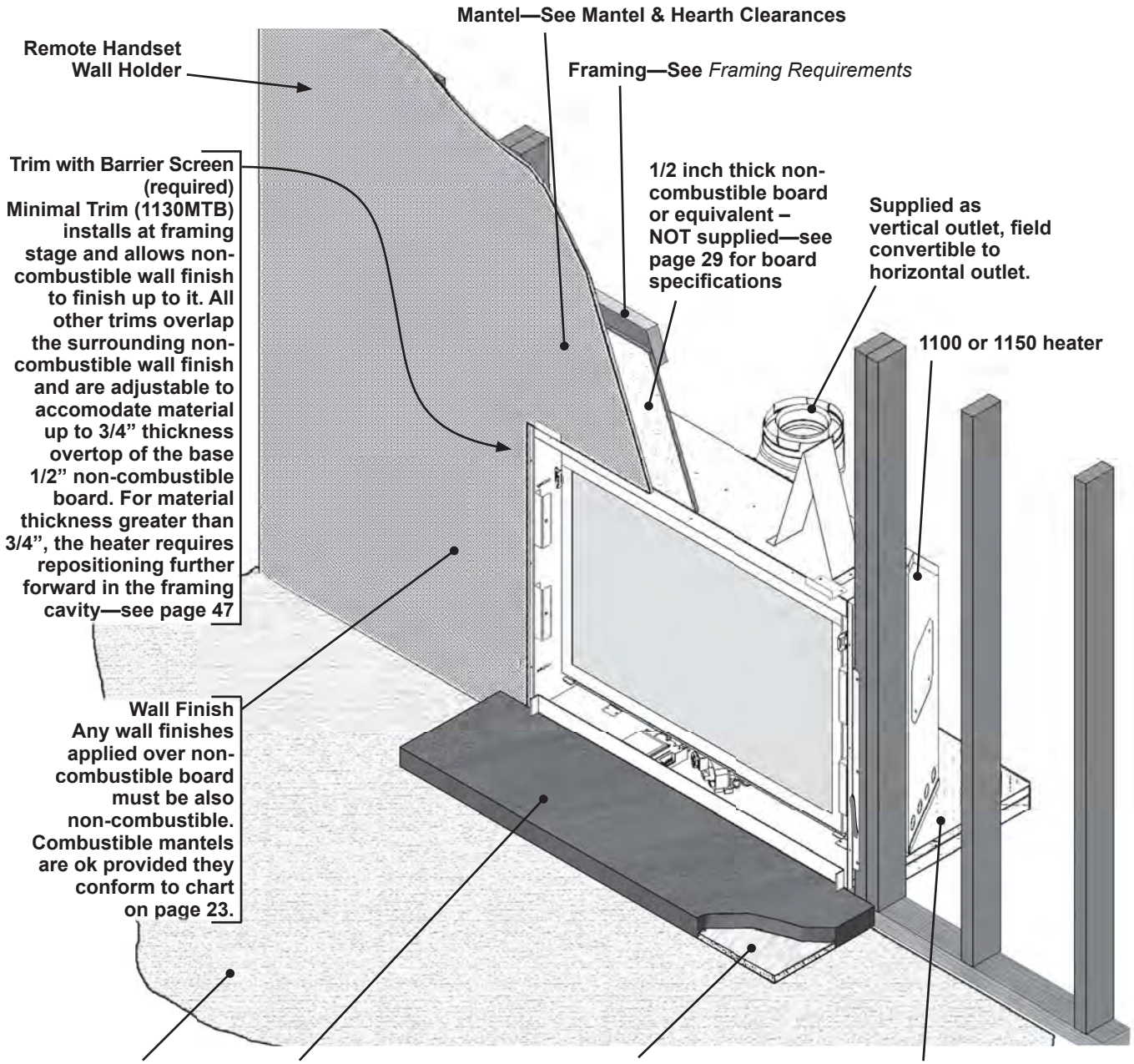
Conversion Kits

The 1100 and 1150 are supplied as natural gas or propane gas and are field convertible between fuels. See instructions packaged with the conversion kits for further information.

Electrical

The 1100 and 1150 are designed to run on battery power and do not require an electrical power source to operate as a heater. However, they require electrical power to operate optional 1195CFK Circulating Fan Kit, 1270RBK Remote Blower Kit or GV60PAK Power Adapter.

Overview


Mantel—See Mantel & Hearth Clearances
Framing—See *Framing Requirements*
Remote Handset Wall Holder
Trim with Barrier Screen (required) Minimal Trim (1130MTB) installs at framing stage and allows non-combustible wall finish to finish up to it. All other trims overlap the surrounding non-combustible wall finish and are adjustable to accomodate material up to 3/4" thickness overtop of the base 1/2" non-combustible board. For material thickness greater than 3/4", the heater requires repositioning further forward in the framing cavity—see page 47
1/2 inch thick non-combustible board or equivalent – NOT supplied—see page 29 for board specifications
Supplied as vertical outlet, field convertible to horizontal outlet.
1100 or 1150 heater
Wall Finish Any wall finishes applied over non-combustible board must be also non-combustible. Combustible mantels are ok provided they conform to chart on page 23.
Combustible Floor
Non-combustible Hearth—See *Hearth Requirements*
1/2" *Micore* supplied with unit. Use as a thermal break between non-combustible hearth material and combustible material underneath.
Combustible Framing Allowed Beneath Fireplace. When the appliance is installed directly on carpeting, tile or other combustible material other than wood flooring, the appliance shall be installed on a metal or wood panel extending the full width and recessed depth of the appliance.

⚠ WARNING

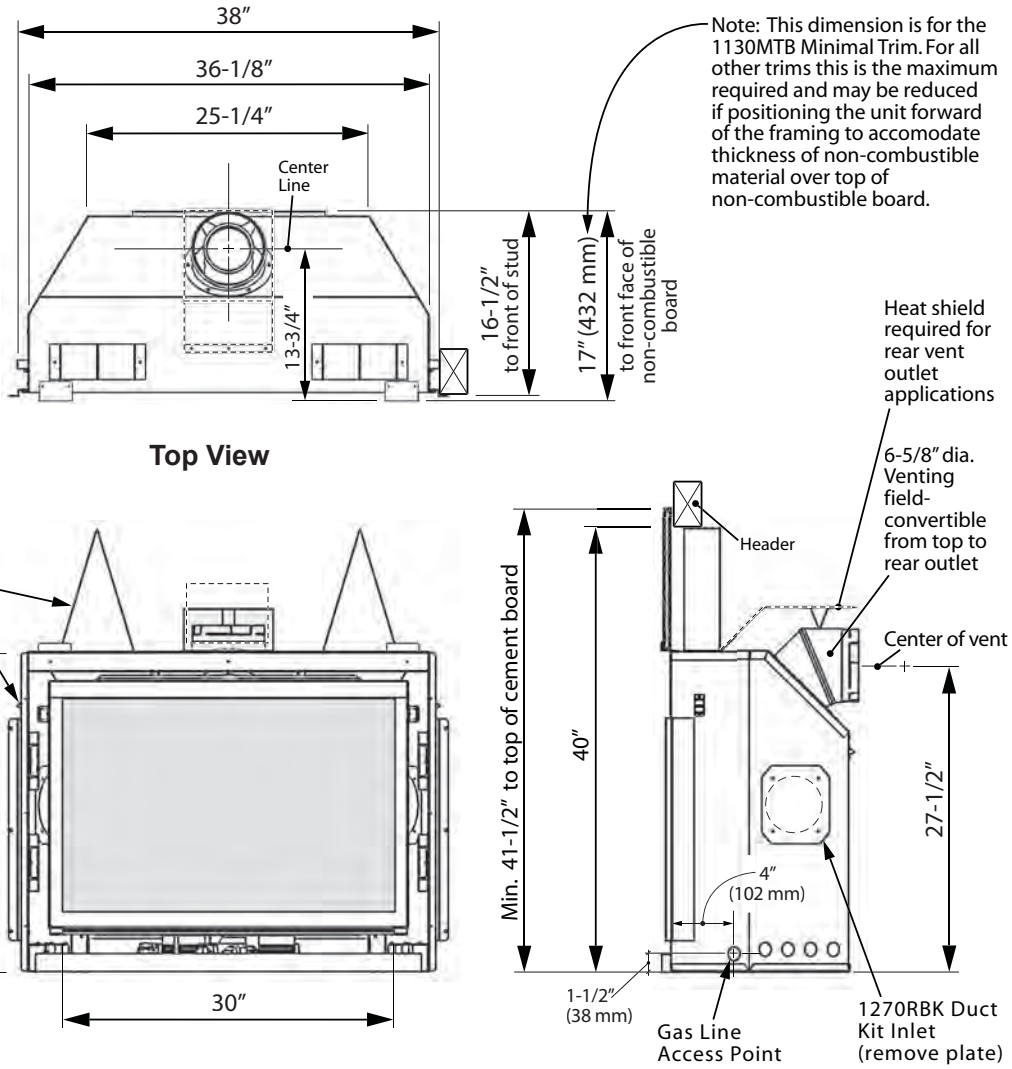
Some materials or items, although safe, may discolor, shrink, warp, crack, peel, and so on because of the heat produced by the fireplace. Avoid placing candles, paintings, photos, and other items sensitive to heat around the fireplace.

⚠ WARNING

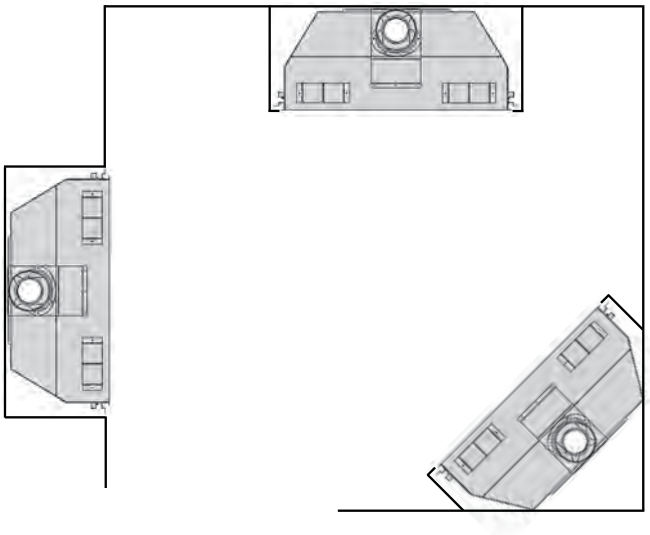
HOT WALL SURFACES! The wall directly above the fireplace is constructed of non-combustible materials and, although safe, it may reach temperatures in excess of 200° F depending on choice of trims. Do not touch. Finish the wall using materials suitable for these temperatures.

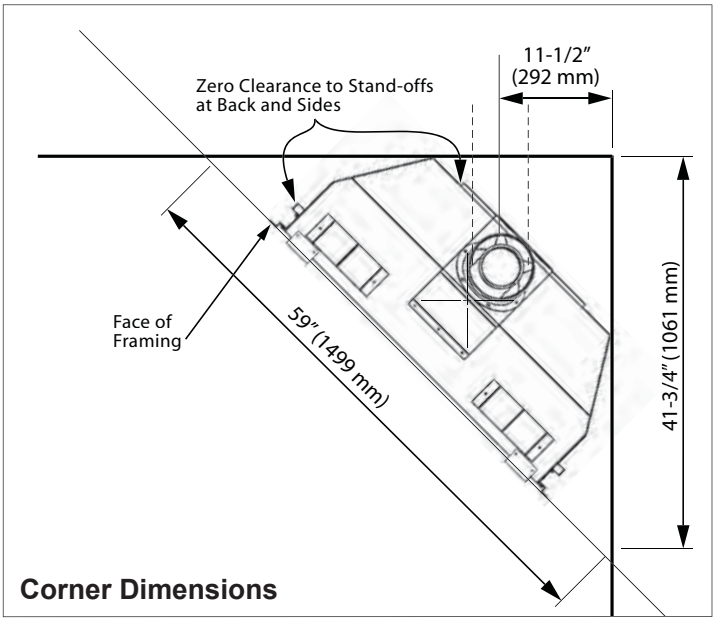
Dimensions & Location

Dimensions

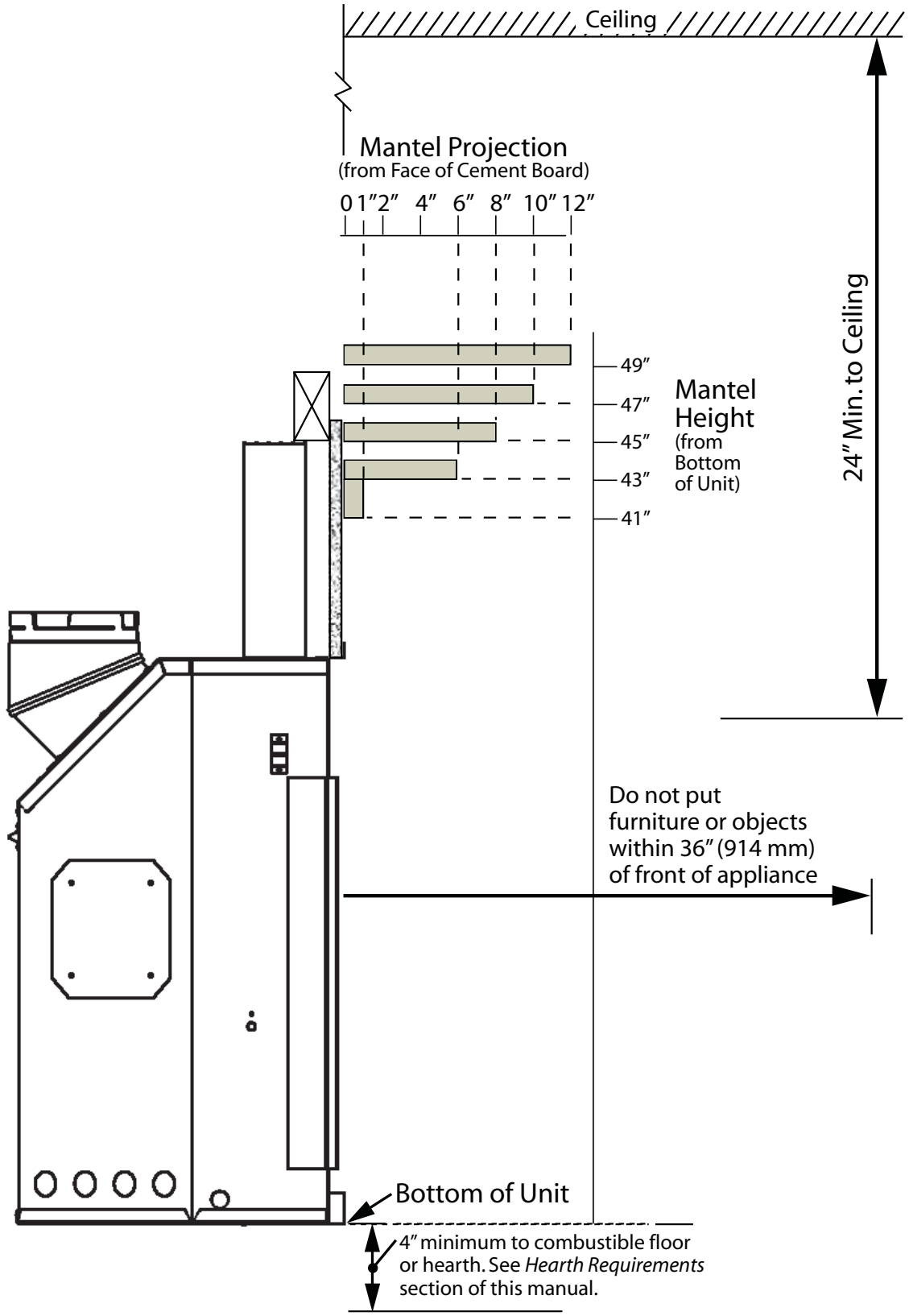

38″
36-1/8″
25-1/4″
Center Line
13-3/4″
16-1/2″ to front of stud
17″ (432 mm) to front face of non-combustible board
Note: This dimension is for the 1130MTB Minimal Trim. For all other trims this is the maximum required and may be reduced if positioning the unit forward of the framing to accomodate thickness of non-combustible material over top of non-combustible board.
Top View
Heat shield required for rear vent outlet applications
6-5/8″ dia. Venting field-convertible from top to rear outlet
Center of vent
Zero Clearance Stand-Offs
29″
19-1/4″
30″
Header
Min. 41-1/2″ to top of cement board
40″
27-1/2″
4″ (102 mm)
1-1/2″ (38 mm)
1270RBK Duct Kit Inlet (remove plate)
Electrical Inlet Point
Gas Line Access Point
1270RBK Duct Kit Inlet (remove plate)
Left Side View
Front View
Right Side View

Location



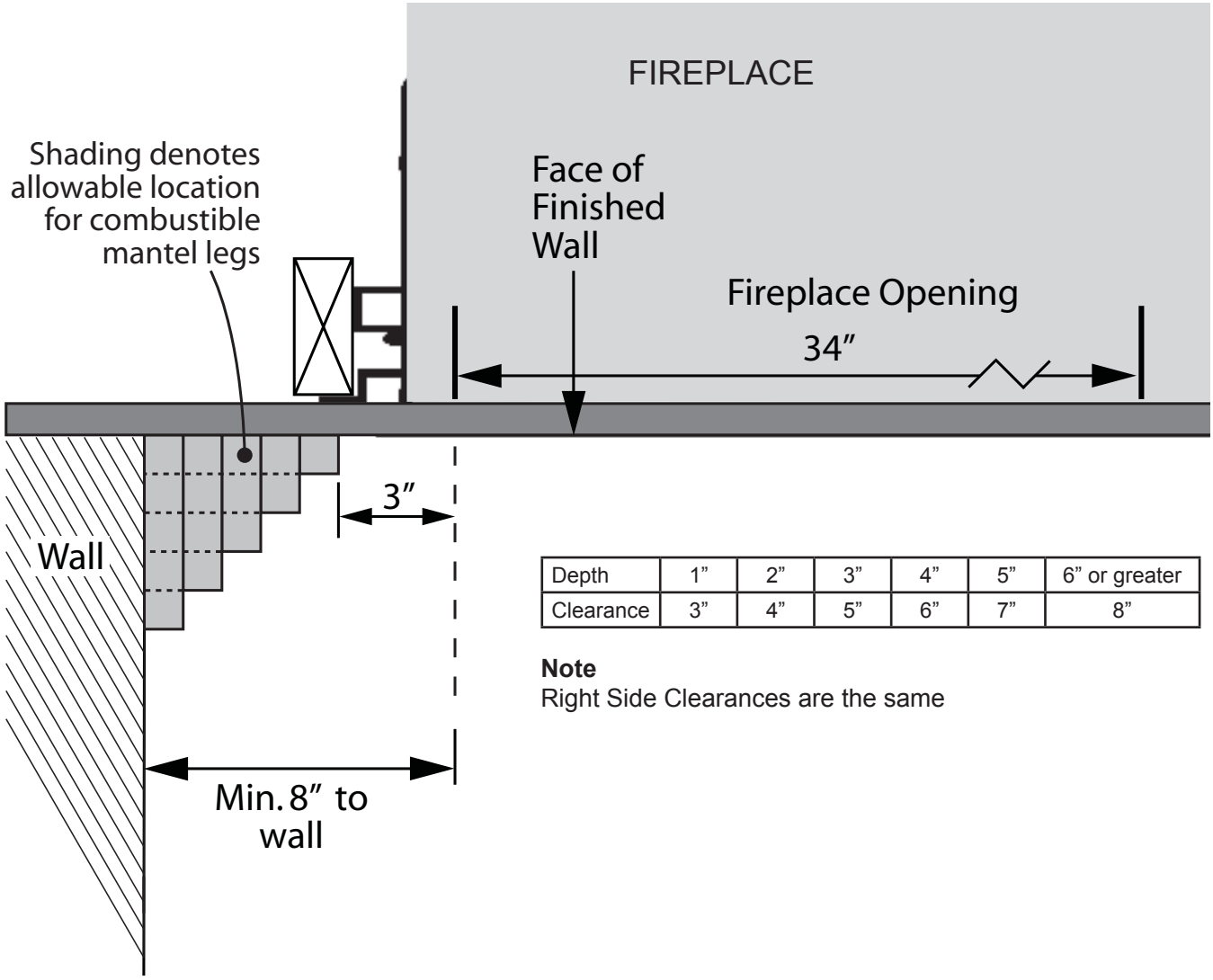


Combustible Mantel—Left Side View


Ceiling
Mantel Projection
(from Face of Cement Board)
0 1″ 2″ 4″ 6″ 8″ 10″ 12″
49″
47″
45″
43″
41″
Mantel Height (from Bottom of Unit)
24″ Min. to Ceiling
Do not put furniture or objects within 36″ (914 mm) of front of appliance
Bottom of Unit
4″ minimum to combustible floor or hearth. See *Hearth Requirements* section of this manual.

Mantel & Hearth Clearances

Combustible Sidewall / Mantel Leg—Top View



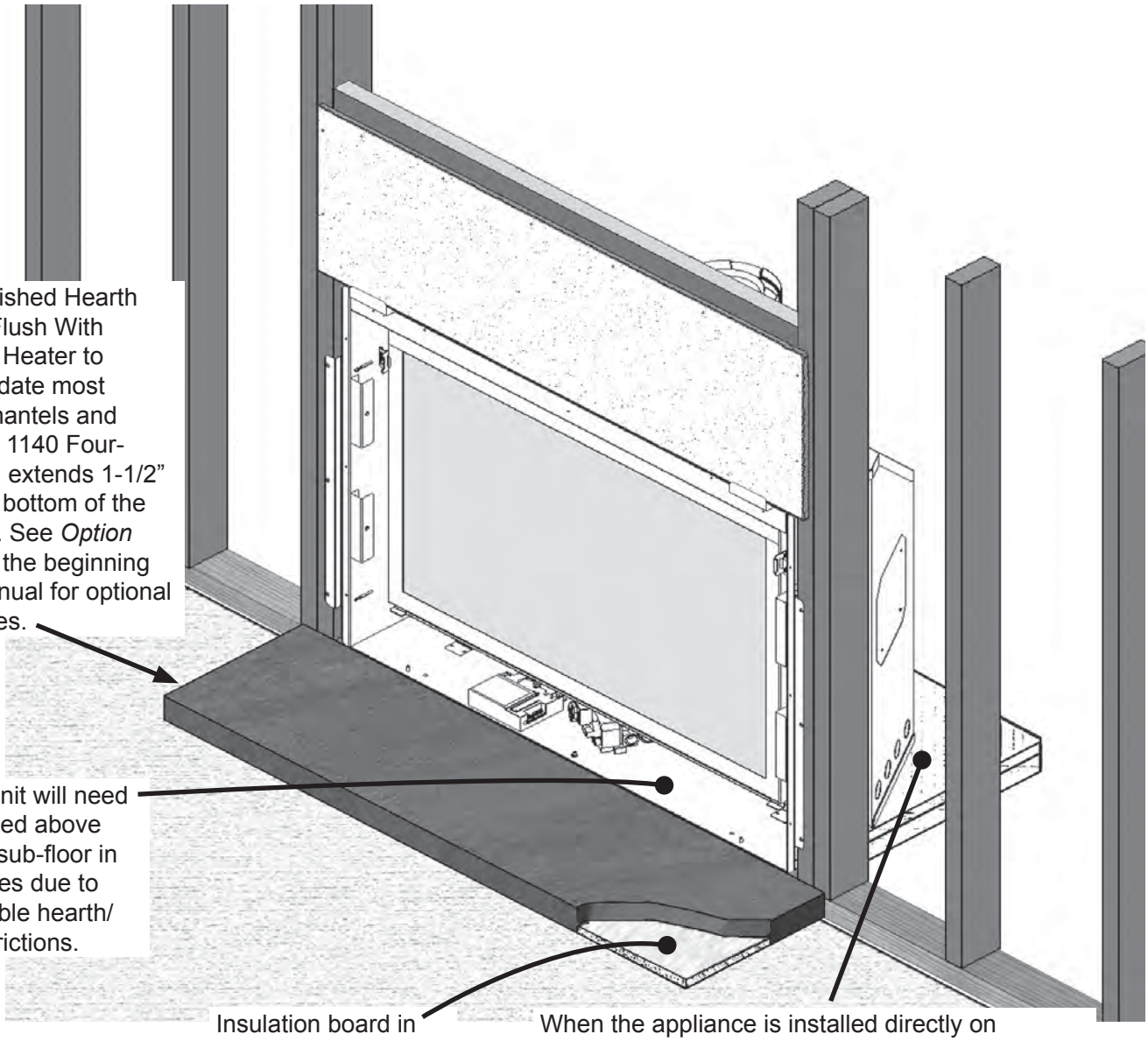
Depth	1”	2”	3”	4”	5”	6” or greater
Clearance	3”	4”	5”	6”	7”	8”

Note
Right Side Clearances are the same

Hearth Requirements

⚠ WARNING

SAFETY WARNING! The H5 is a very effective radiant heater. The hearth/floor in front of the heater can get very hot (in excess of 200ºF). Locating the unit raised above the hearth/floor and using the screen front will greatly reduce hearth temperatures. Any hearth within 4 inches of the base of the heater must be constructed of non-combustible materials and utilise the insulation board supplied as a thermal break between the non-combustible hearth finish and the combustible construction below (see diagrams in the following pages). Note that some materials, although safe can degrade due to heat—take this into consideration when choosing materials.



Top of Finished Hearth Must Be Flush With Bottom of Heater to accommodate most optional mantels and trims. The 1140 Four-Sided trim extends 1-1/2" below the bottom of the appliance. See *Option* section at the beginning of this manual for optional accessories.

NOTE: Unit will need to be raised above plywood sub-floor in most cases due to combustible hearth/ floor restrictions.

Insulation board in non-combustible hearth

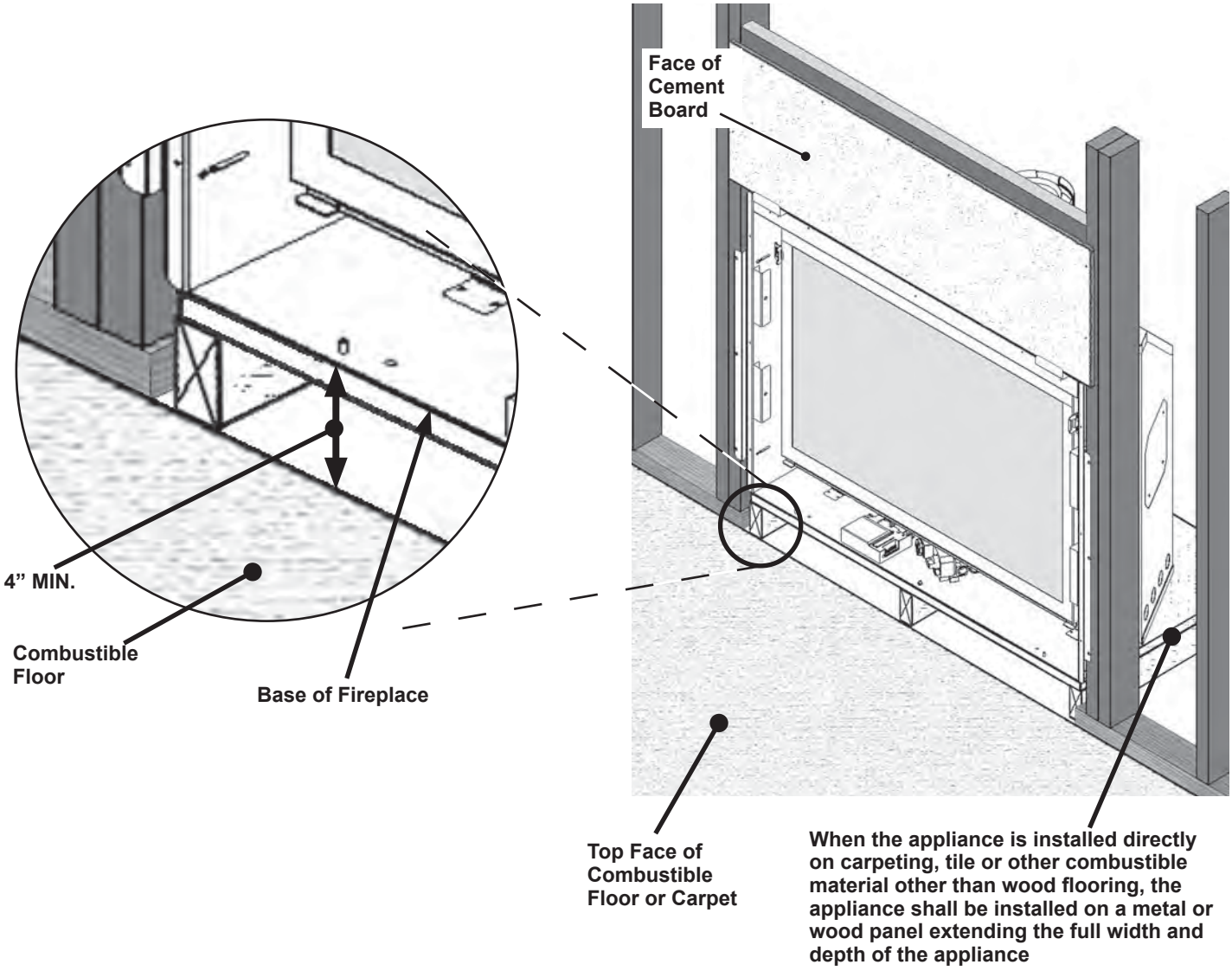
When the appliance is installed directly on carpeting, tile or other combustible material other than wood flooring, the appliance shall be installed on a metal or wood panel extending the full width and depth of the appliance

Hearth Requirements

Rules

1. A hearth is not required. However, any hearth/floor in front of fireplace within 4 inches vertically of the bottom of the unit must be non-combustible and project a minimum distance as shown on page 27. Hearth/floors within 4 inches must have a non-combustible finish **applied over the 1/2 inch insulation board** provided with the engine. This insulation board acts as a thermal break.
2. Minimum hearth projection is determined by a combination of the height of the hearth above the surface of combustible floor or carpet and the distance between the hearth and the bottom of the fireplace.
3. Combustible baseboards (1 inch thick or less) located on the wall are acceptable provided they are located below the base of the raised fireplace.

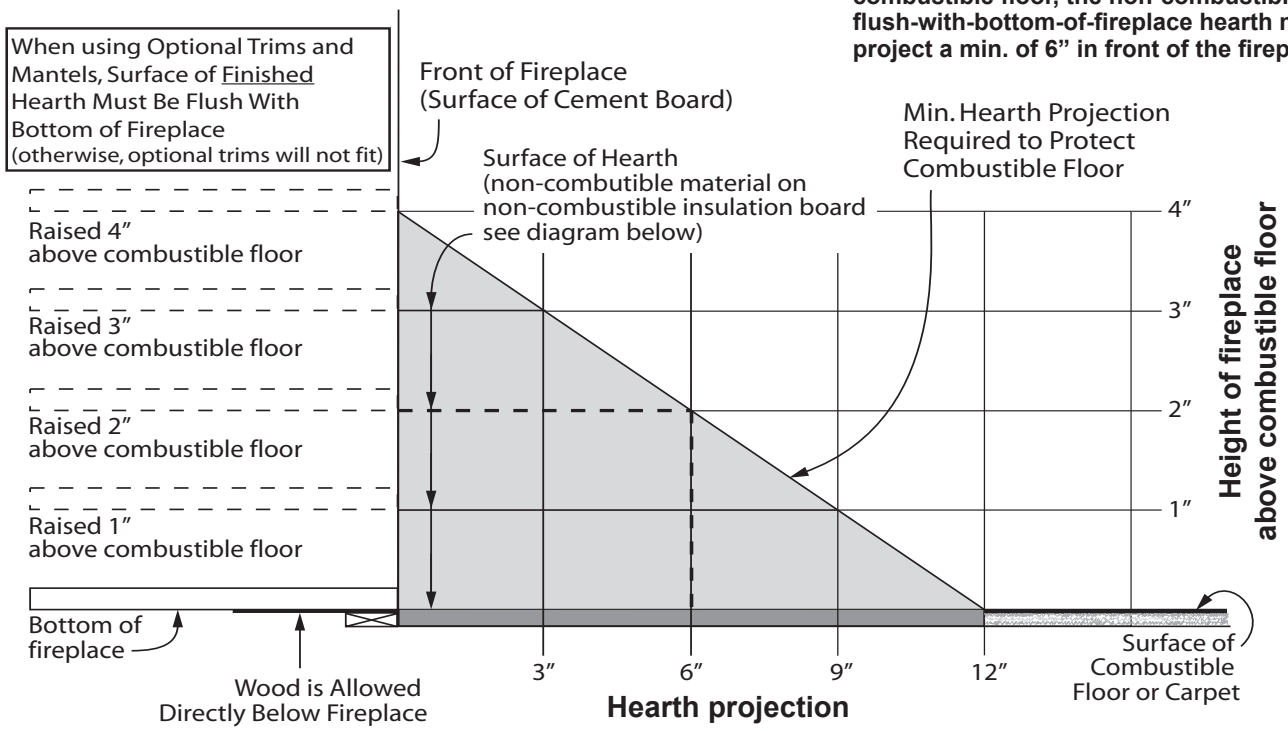
Unit Raised Above Combustible Hearth or Floor


Face of Cement Board
4" MIN.
Combustible Floor
Base of Fireplace
Top Face of Combustible Floor or Carpet
When the appliance is installed directly on carpeting, tile or other combustible material other than wood flooring, the appliance shall be installed on a metal or wood panel extending the full width and depth of the appliance

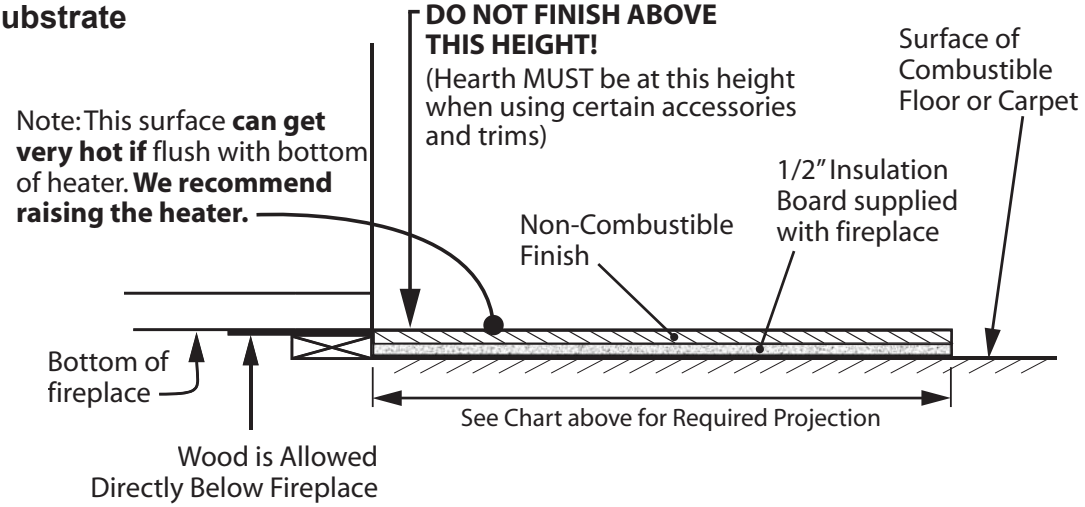
Hearth Requirements

Unit With Site-Built Non-Combustible Hearth Extending

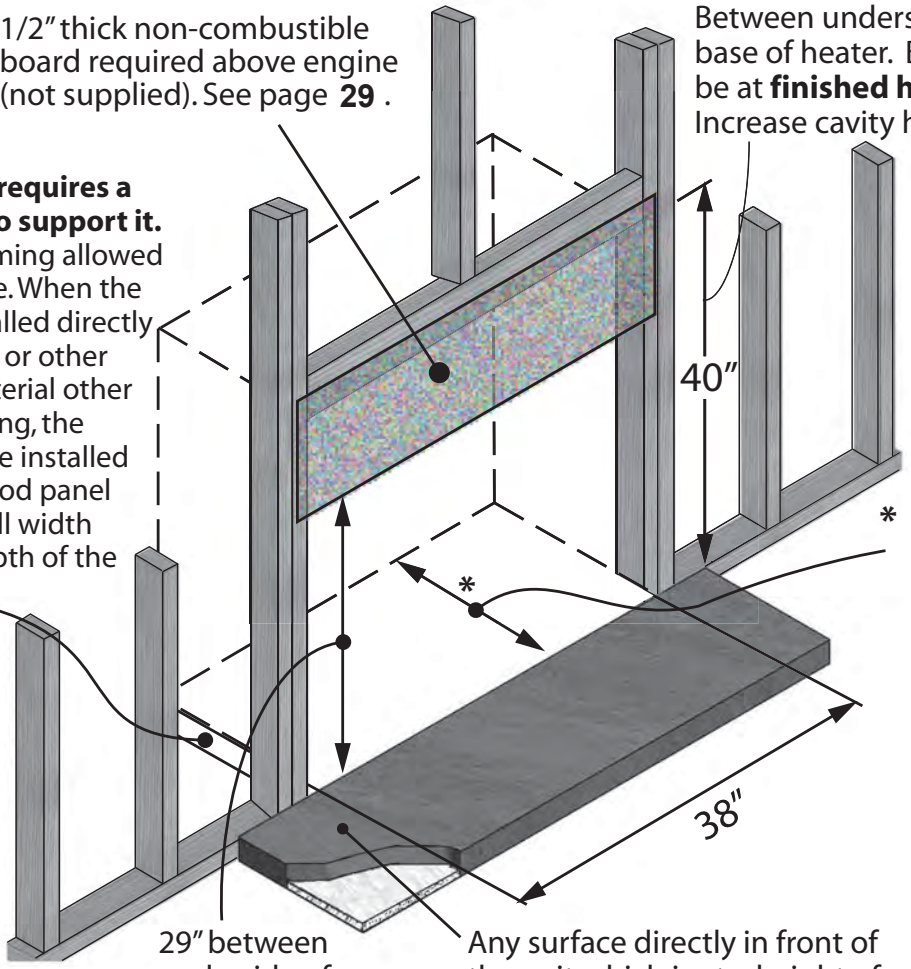
Example: If the fireplace is raised 2" above combustible floor, the non-combustible-flush-with-bottom-of-fireplace hearth must project a min. of 6" in front of the fireplace.


When using Optional Trims and Mantels, Surface of Finished Hearth Must Be Flush With Bottom of Fireplace (otherwise, optional trims will not fit)
Front of Fireplace (Surface of Cement Board)
Min. Hearth Projection Required to Protect Combustible Floor
Surface of Hearth (non-combutible material on non-combustible insulation board see diagram below)
Raised 4" above combustible floor
Raised 3" above combustible floor
Raised 2" above combustible floor
Raised 1" above combustible floor
4"
3"
2"
1"
Height of fireplace above combustible floor
Bottom of fireplace
Wood is Allowed Directly Below Fireplace
3"
6"
9"
12"
Hearth projection
Surface of Combustible Floor or Carpet

Non-combustible substrate construction detail


DO NOT FINISH ABOVE THIS HEIGHT!
(Hearth MUST be at this height when using certain accessories and trims)
Surface of Combustible Floor or Carpet
Note: This surface can get very hot if flush with bottom of heater. We recommend raising the heater.
1/2" Insulation Board supplied with fireplace
Non-Combustible Finish
Bottom of fireplace
See Chart above for Required Projection
Wood is Allowed Directly Below Fireplace

Framing Requirements


1/2" thick non-combustible board required above engine (not supplied). See page 29 .
Between underside of header and base of heater. Base of heater must be at **finished hearth height**. Increase cavity height accordingly.
NOTE: This unit requires a solid platform to support it. Combustible framing allowed beneath fireplace. When the appliance is installed directly on carpeting, tile or other combustible material other than wood flooring, the appliance shall be installed on a metal or wood panel extending the full width and recessed depth of the appliance.
40"
*
38"
* - Rear Vent: 16-1/2"
- Top Vent: 17-1/2"
- May be reduced by thickness of additional non-combustible wall finish applied on top of 1/2" non-combustible board when using other than the 1130 Minimal Trims
29" between underside of non-combustible board and base of heater
Any surface directly in front of the unit which is at a height of **less than 4" from the bottom of the unit must be non-combustible**.

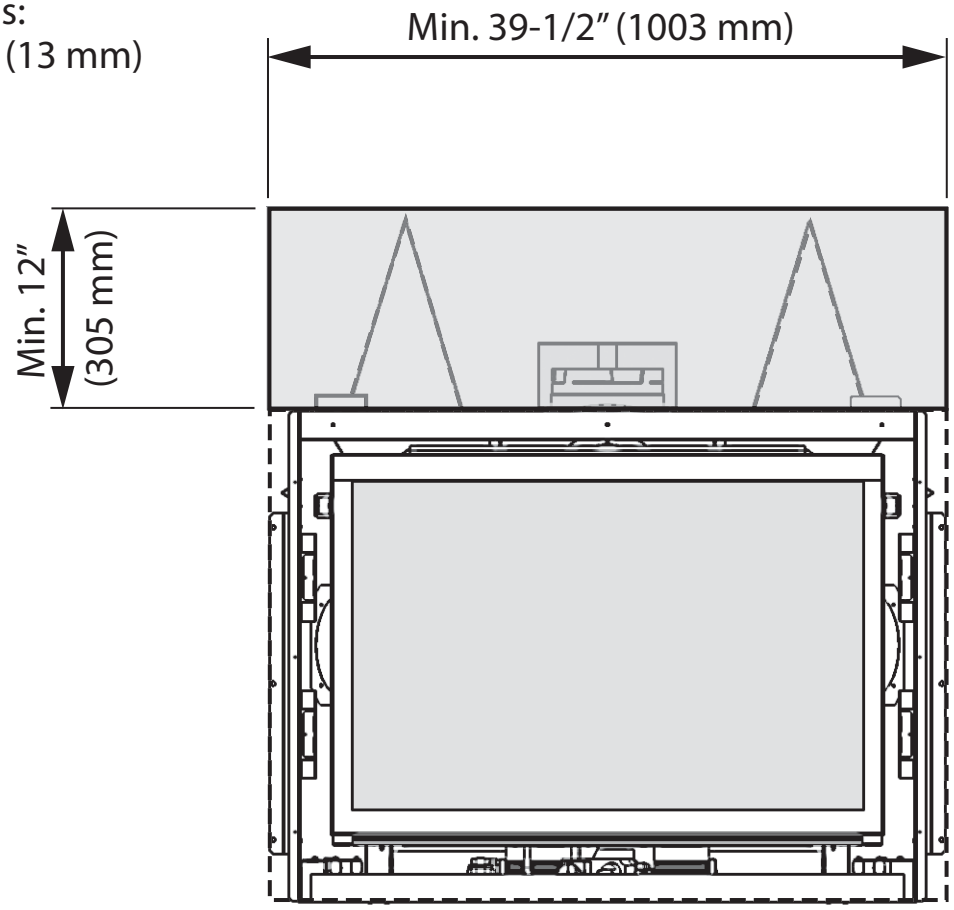
FRAMING DIMENSIONS 1100 and 1150

Framing Requirements

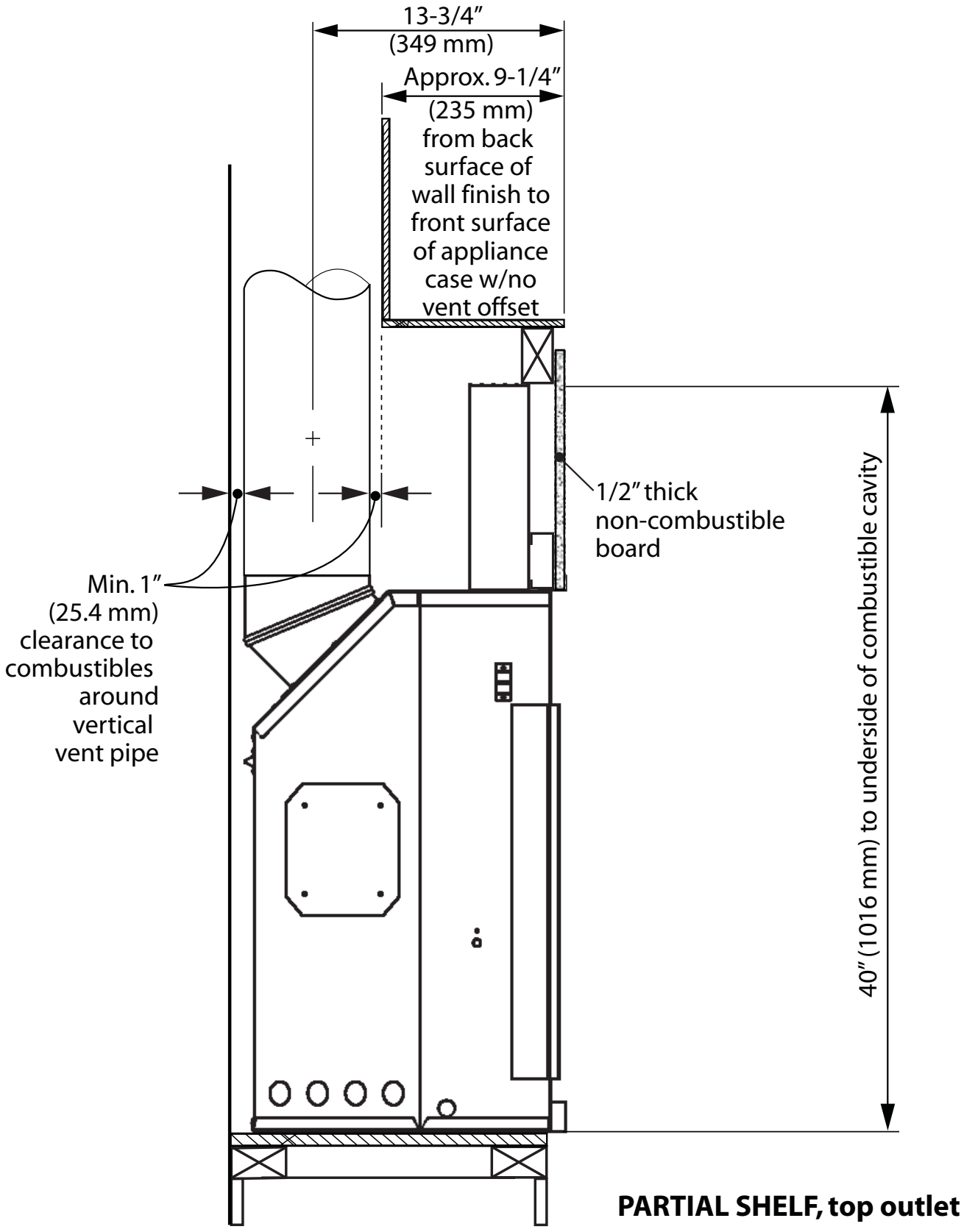
Minimum Non-Combustible Board Dimensions

Minimum coverage area of non-combustible board. Any wall finish applied to shaded area must be non-combustible. We recommend extending the non-combustible board well beyond the size shown to avoid cracking due to differential shrinkage —see page .

Non-combustible board required thickness: 1/2 inch (13 mm)

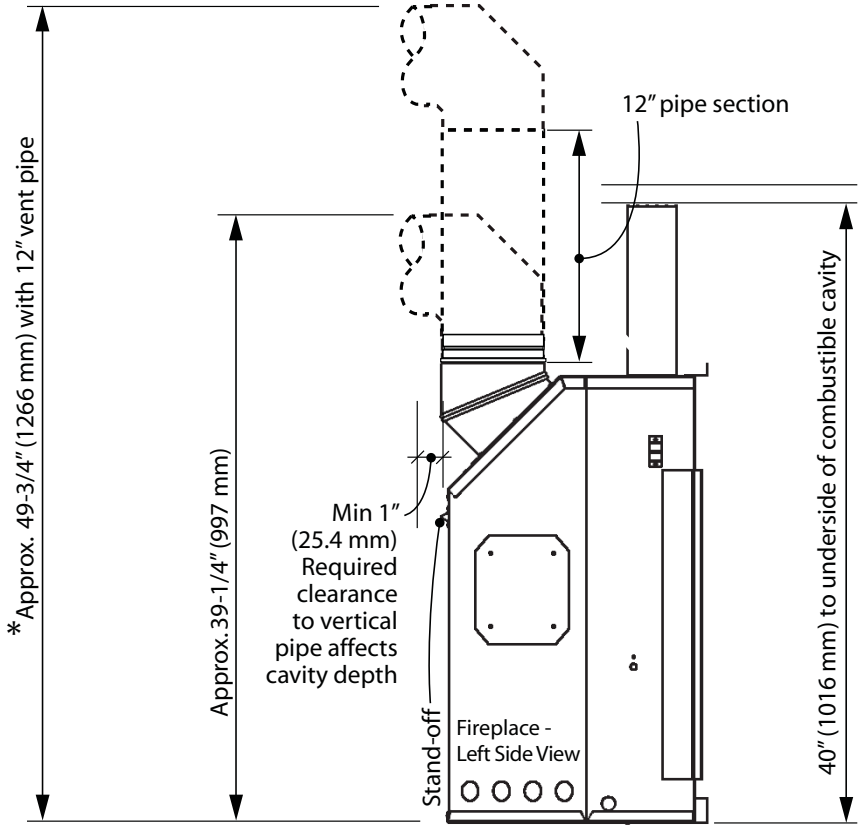


Framing with Partial Shelf—Top Outlet



PARTIAL SHELF, top outlet

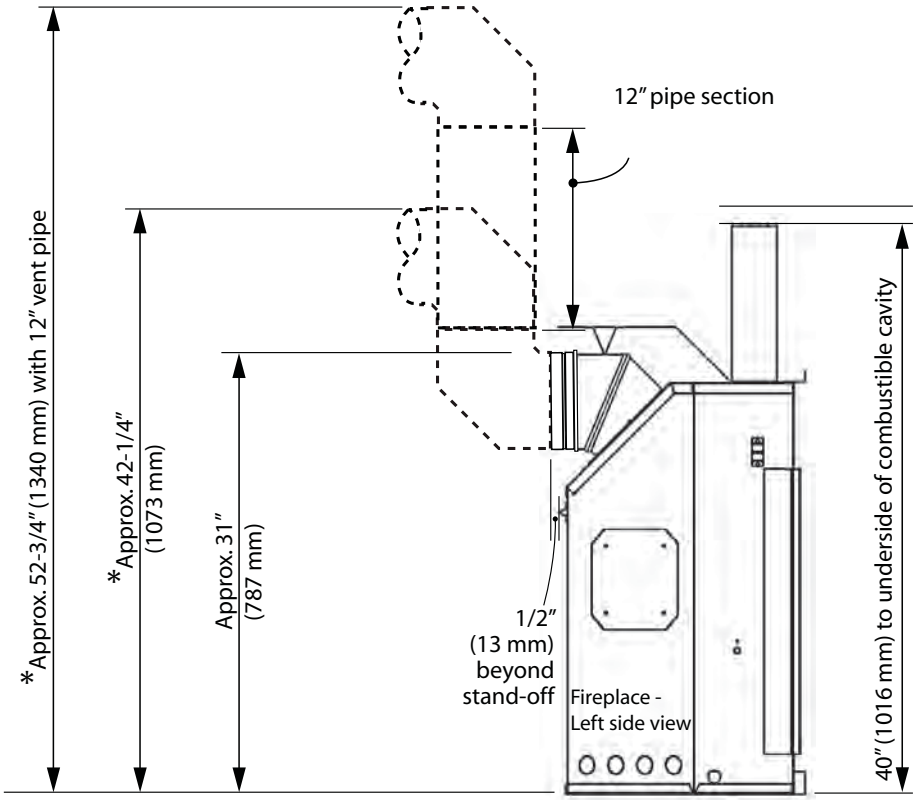
Venting Considerations—Vertical Takeoff


*Approx. 49-3/4″ (1266 mm) with 12″ vent pipe
Approx. 39-1/4″ (997 mm)
12″ pipe section
Min 1″ (25.4 mm) Required clearance to vertical pipe affects cavity depth
Stand-off
Fireplace - Left Side View
40″ (1016 mm) to underside of combustible cavity

***Notes—ALL venting considerations**

- Dimensions of venting are based on using Dura-Vent elbows. Elbow curve radius dimensions will vary when using other brands. In general, other brands have slightly bigger radius.
- 3 inches clearance to combustibles required above horizontal pipe. Slope horizontal pipe upwards 1/4 inch per foot. 1 inch clearance required around sides and bottom of horizontal pipe and around vertical pipe.
- When calculating effective pipe lengths subtract approximately 1-1/2 inch for pipe joint - for example, a 12 inches pipe section will add approximately 10-1/2 inches overall.

Venting Considerations—Horizontal Takeoff


*Approx. 52-3/4″ (1340 mm) with 12″ vent pipe
*Approx. 42-1/4″ (1073 mm)
Approx. 31″ (787 mm)
12″ pipe section
1/2″ (13 mm) beyond stand-off
Fireplace - Left side view
40″ (1016 mm) to underside of combustible cavity

Top or Rear Outlet

This unit is supplied with a 45 degrees top vent outlet which can be field-converted to a rear vent outlet. See *Installation* section for more information.

Vent Material

This unit is approved for installation using 4 x 6-5/8 inches co-axial direct vent pipe and accessories as listed in the *Approved Venting Components* section on pages 65–66 of this manual. Follow the installation instructions supplied with the individual venting accessories.

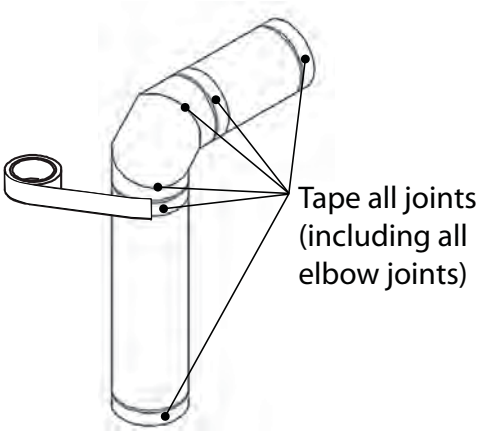
This unit may also be converted to co-linear (3 x 4 in) venting for use in solid-fuel burning fireplaces and chimneys using adapters and accessories—see list in the *Approved Venting Components* section on pages 65–66 of this manual.

Vent Sealing

Seal all outer coaxial pipe and elbow joints, including sectioned elbow joints, using high quality, high temperature 2 inch wide self-adhesive aluminum foil tape (Nashua-322-2 brand or similar). Wrap the tape completely around all joints and press firmly to seal.

A high temperature black silicone sealant may be used in the outer joints as a substitute to foil tape.

Ensure all the pipe joints have a minimum of 1 ¼ inch overlap.

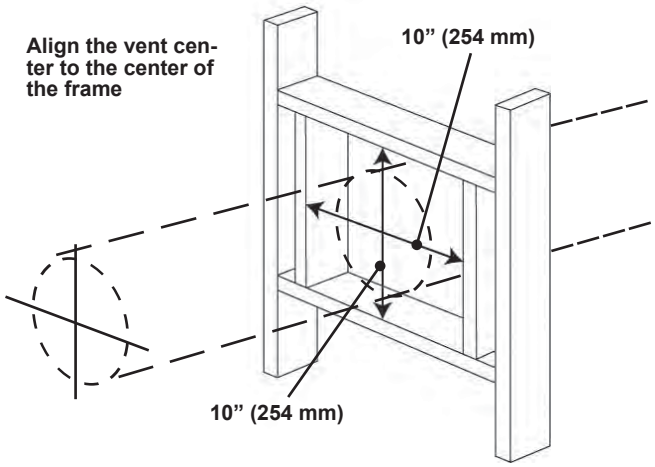


Wall Thickness

The appliance vent is suitable for penetrating a combustible wall assembly up to 8 inches in thickness. A non-combustible wall can be of any thickness up to the maximum horizontal run of vent pipe allowed for the particular installation.

Framing Vent in Combustible Walls & Ceilings

When penetrating through combustible walls and ceilings, frame a minimum of 10 in x 10 in opening and ensure that the insulation is kept clear of the vent pipe using either a wall thimble or an attic insulation shield. Follow the installation instructions supplied with the individual venting components.



Important Installer Notice – Weather Sealing & Vapor Barriers

It is the installer’s responsibility to ensure that vent installations through exterior walls are caulked and weatherproofed in such a manner as to:

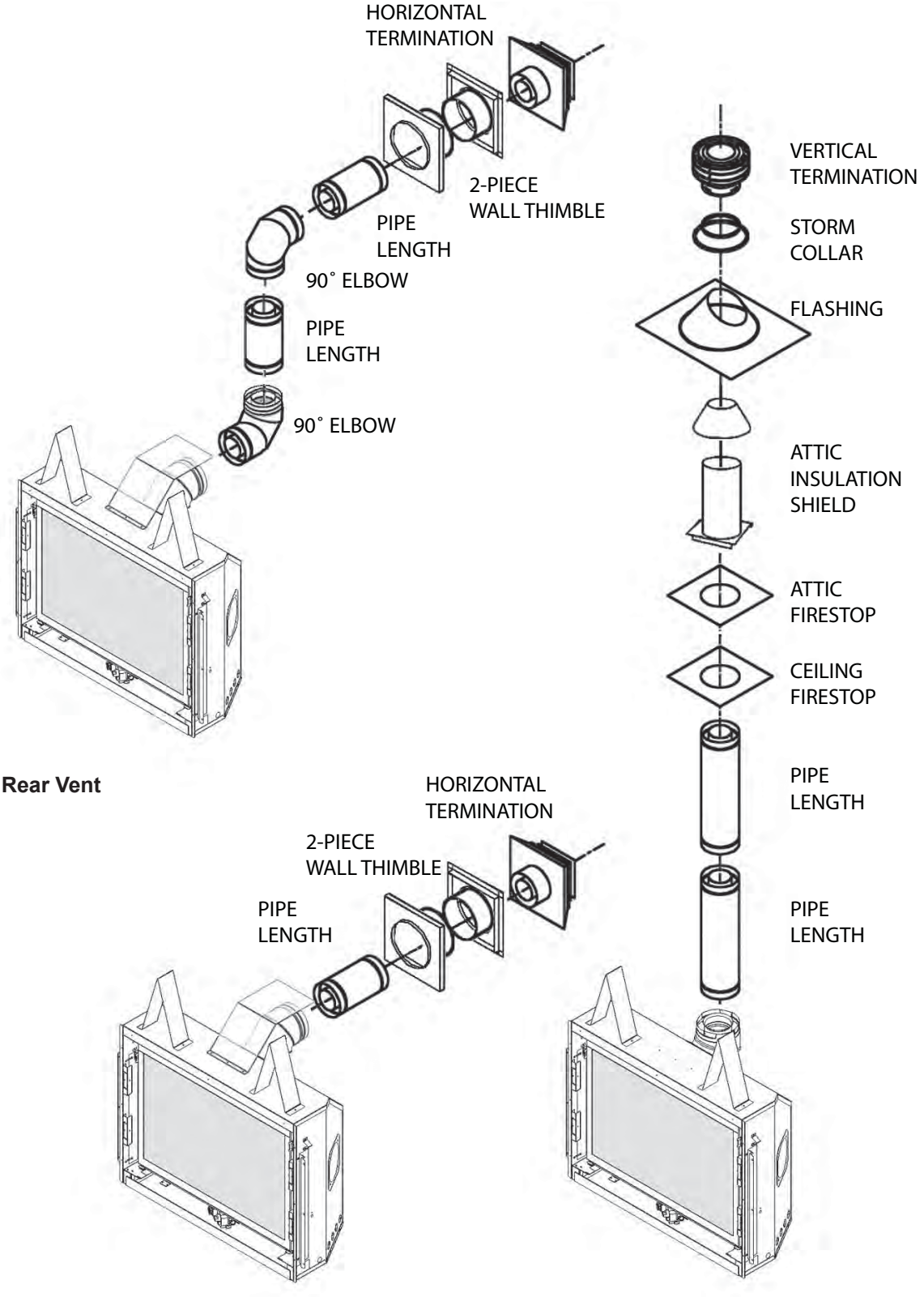
- Prevent rain water from entering the wall from the weather side by adequately caulking the outer vent plate to the exterior wall surface.
- Prevent moisture inside the home from penetrating into the wall structure by ensuring the inside wall plate is adequately sealed to the inside vapor barrier.
- Prevent rain water and moisture from entering the walls by sealing the joints between the outer vent tube and the inner and outer wall plates.

We recommend the use of a high quality polyurethane sealant.

All horizontal pipe runs must be graded 1/4 inch per foot upwards in the direction of the exhaust flow. The final pipe length, when terminating through the wall may be graded downwards slightly to prevent water migration.

Co-axial Venting

Typical Co-axial Venting Components



Co-axial Venting

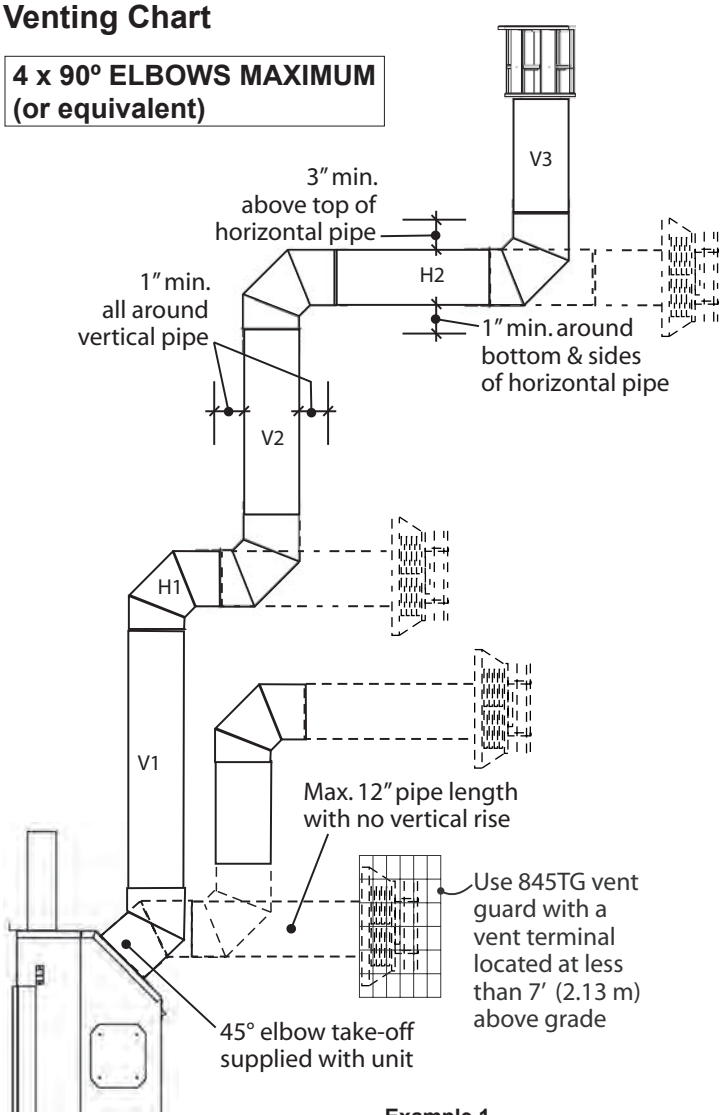
How to Read the Venting Chart

The chart below applies to co-axial roof or wall termination.

1. Maximum 12 inch horizontal pipe section allowed with no vertical in vent system.
2. The total length of the vent pipe cannot exceed 40 feet.
3. The minimum vertical height with roof termination is 6 feet.
4. Any combination of rise and run can be used as long as they are within the allowable limits shown on the chart below.
5. A maximum of 4 x 90 degrees elbows—or equivalent (2 x 45 degrees = 90 degrees)—can be used. Excludes the 45 degrees take-off elbow shipped with the appliance.
6. Each 90 degrees elbow installed on the horizontal plane is equivalent to a 3 feet horizontal pipe; therefore, 3 feet must be subtracted from allowable horizontal run. (45 degrees elbow is equivalent to 18 inches horizontal pipe.)
7. All horizontal pipe runs must be graded 1/4 inch per foot upwards in the direction of the exhaust flow. The final pipe length, when terminating through the wall may be graded downwards slightly to prevent water migration.
8. A restrictor adjustment is required for most installations having a vertical rise—see next section.
   Note: The restrictors are shipped loose with the appliance.

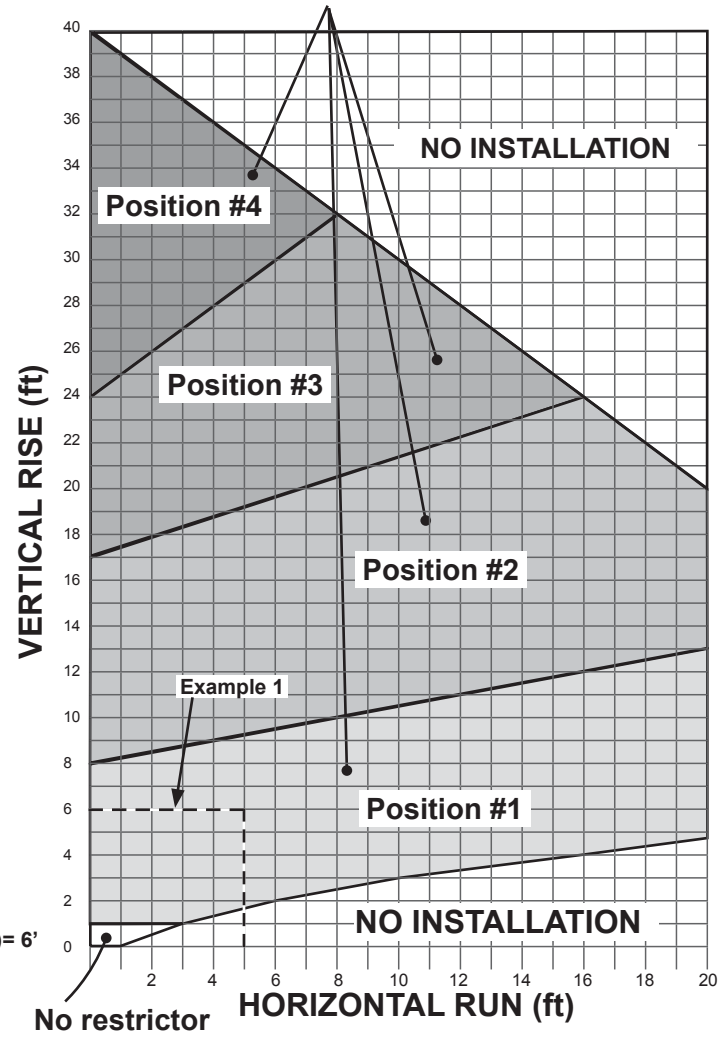
Venting Chart

4 x 90º ELBOWS MAXIMUM (or equivalent)


V3
3″ min. above top of horizontal pipe
H2
1″ min. all around vertical pipe
1″ min. around bottom & sides of horizontal pipe
V2
H1
V1
Max. 12″ pipe length with no vertical rise
Use 845TG vent guard with a vent terminal located at less than 7′ (2.13 m) above grade
45° elbow take-off supplied with unit

Example 1
V Value = V1 (3') + V2 (2') + V3 (1')= 6'
H Value = H1 (3') + H2 (2') = 5'
Restrictor position #1 required

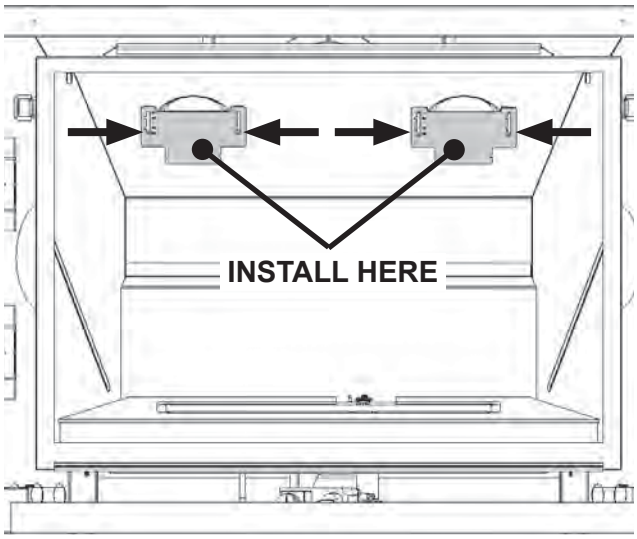
Allowable Co-Axial Vent Configurations with restrictor positions



Restrictors

The restrictors are not required when less than 1'-0" vertical rise in vent system.

Install the restrictors in the roof of the firebox behind the top liner panel. Adjust the restrictors before installation of the top liner panel. Should subsequent adjustment be required, you will need to remove the top liner panel—see page 52.



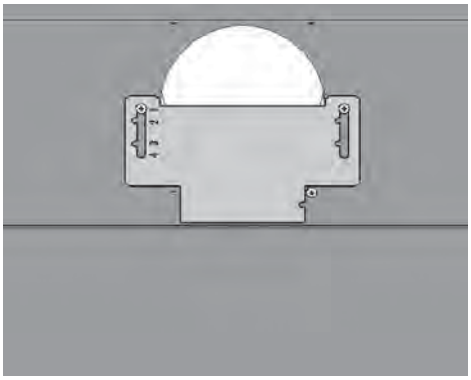
MOST INSTALLATIONS REQUIRE RESTRICTORS for improved flame picture and performance. This unit is supplied with restrictors having four different positions or settings. The level of restriction required depends on the vertical rise in the venting system and, to a lesser degree, the horizontal run and number of elbows.

The amount of restriction is based on laboratory tests. The ideal restrictor position may vary slightly, especially when the vent pipe length is near the limits of the acceptable configurations for each type of restrictor.

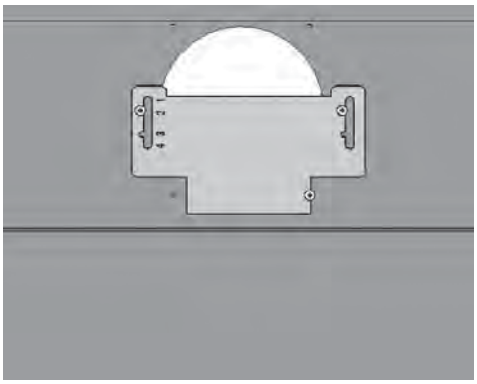
The chart on the previous page shows the vent restrictor positions required relative to the length of the vent pipe.

To set the restrictors position:

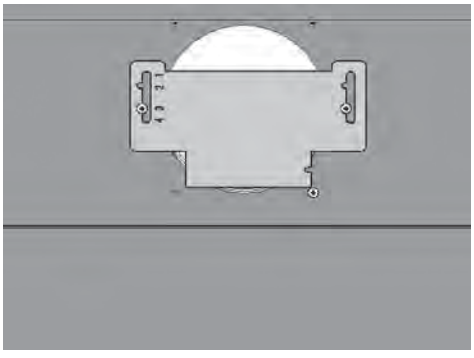
1. Establish the required position of the restrictors looking up the venting table on the previous page.
2. Fasten the restrictors using the screws (2) already installed on each side of **the firebox roof ports**.
3. Slide the restrictors in the required position.
4. Tighten the screws.



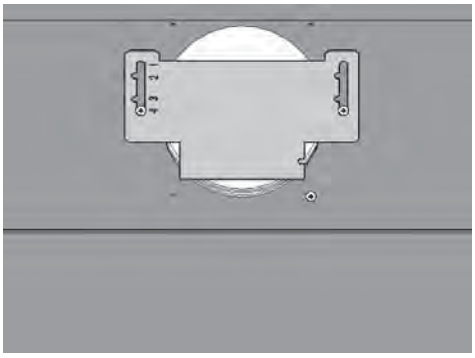
Position #1



Position #2



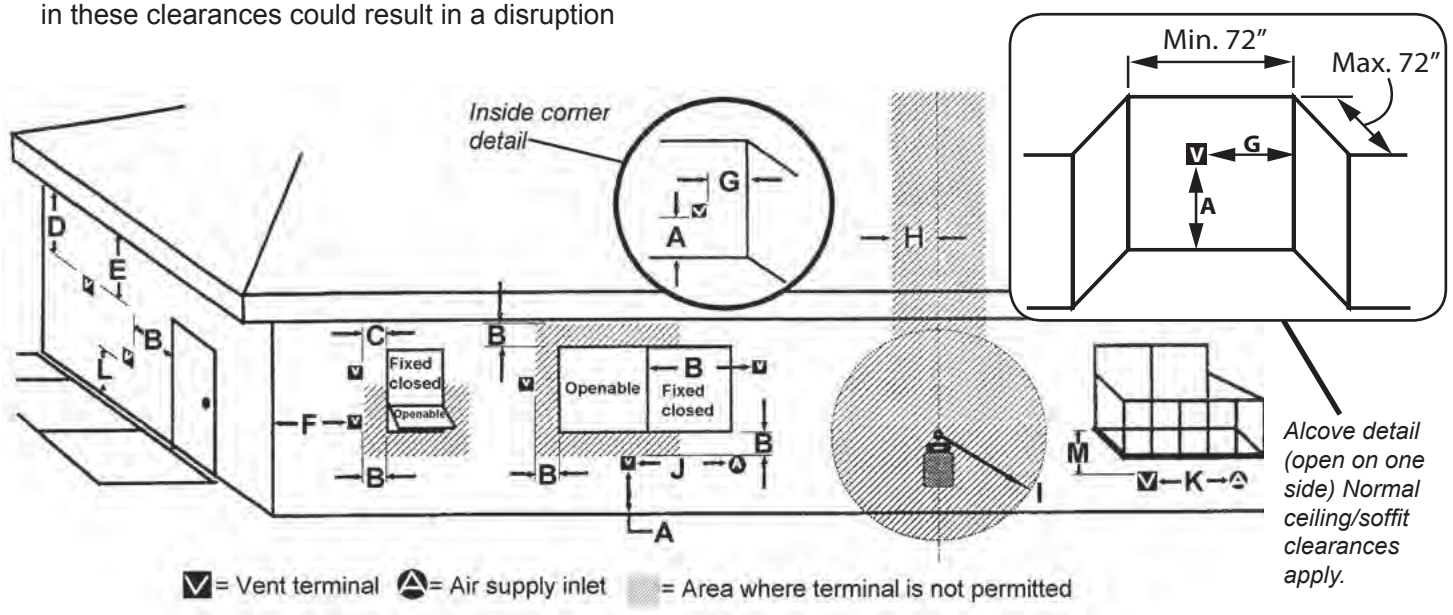
Position #3



Position #4

Horizontal Vent Termination

- The vent terminal must be located on an outside wall or through the roof.
- This direct vent appliance is designed to operate when an undisturbed airflow hits the outside vent terminal from any direction.
- The minimum clearances from this terminal that must be maintained when located on an outside wall are shown in the figure below. Any reduction in these clearances could result in a disruption of the airflow or a safety hazard. Local codes or regulations may require greater clearances.
- The vent terminal must not be recessed into a wall or siding.
- The vent terminal should be positioned where it will not be covered by snowdrifts.
- Sidewall vent terminations within 7' of grade require a terminal guard such as the 845TG.



Alcove detail (open on one side) Normal ceiling/soffit clearances apply.

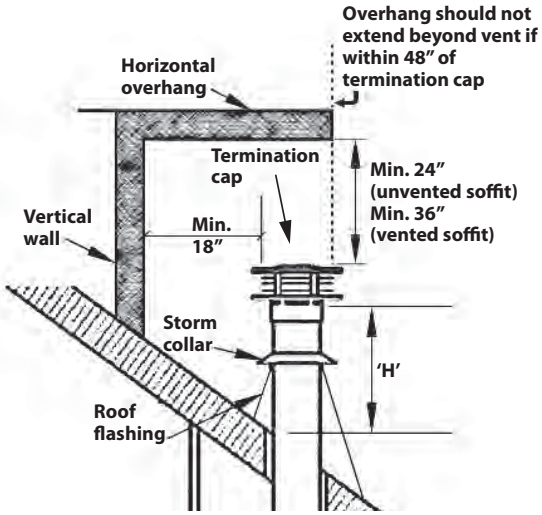
KEY	VENT TERMINAL LOCATIONS - MINIMUM DISTANCES	MINIMUM CLEARANCE	
		Inches	Cm
A	Clearance above grade, verandah, porch, deck or balcony	12	30
B	Clearance to window or door that may be opened	12	30
C	Clearance to permanently closed window (recommended to prevent condensation on window)	12	30
D	Vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 2 feet (60 cm) from the center-line of the terminal	18	46
E	Clearance to unventilated soffit	12	30
F	Clearance to outside corner	12	30
G	Clearance to inside corner	12	30
H	Horizontal clearance to center-line of meter/regulator assembly located within 15 feet (4,6 m) below the terminal	36	90
I	Clearance to service regulator vent outlet	36	90
J	Clearance to non-mechanical air supply inlet to the building or the combustion air inlet to any other appliance	12	30
K	Clearance to a mechanical air supply inlet	72	180
L	Clearance above paved sidewalk or a paved driveway located on public property **Note**: *A vent must not terminate directly above a sidewalk or paved driveway, which is located between two single-family dwellings and serves both dwellings*	84	210
M	Clearance under a verandah, porch, deck or balcony *Only permitted if veranda, porch, deck or balcony is fully open on a minimum of 2 sides beneath the floor*	12	30

Note: Local codes and regulations may require different clearances.

Co-axial Venting

Vertical Vent Termination

Roof Pitch	Minimum "H" (feet)
Flat to 7/12	1'
Over 7/12 to 8/12	1.5'
Over 8/12 to 9/12	2'
Over 9/12 to 10/12	2.5'
Over 10/12 to 11/12	3.25'
Over 11/12 to 12/12	4'
Over 12/12 to 14/12	5'



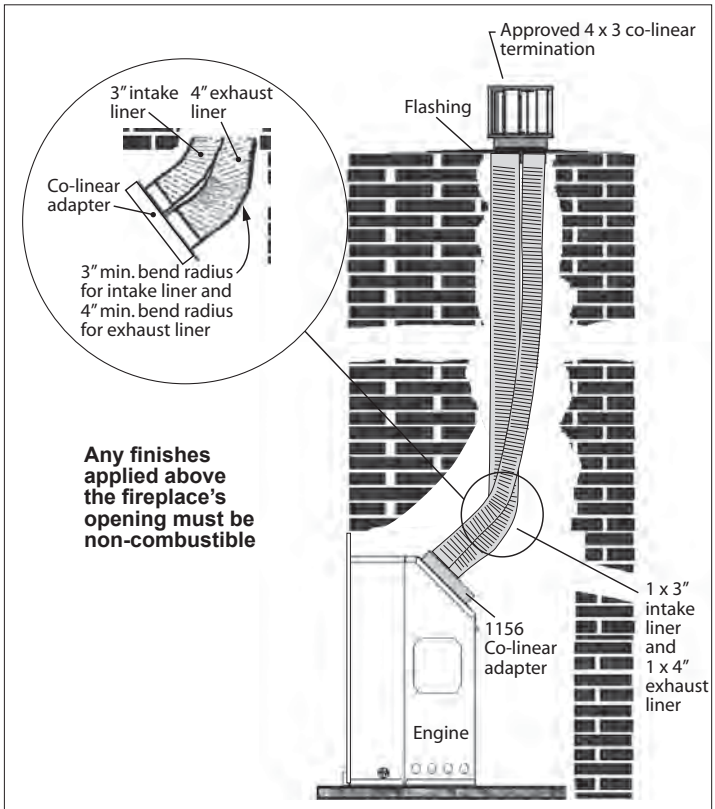
Co-linear Venting

Conversion to Co-Linear Liners using Valor 1156CLA Co-Linear Adapter

Co-linear portion of vent system may only be installed within a solid-fuel burning fireplace and chimney.
The appliance must not be connected to a chimney flue serving a separate solid-fuel burning appliance. Requires the Valor Co-Axial to Co-Linear appliance Adapter 1156CLA, two lengths of 2-ply, one 3" and one 4" diameter flexible chimney liner approved for venting gas appliances, a co-linear termination kit and flashing or a co-linear to co-axial adapter and either a high wind vertical vent terminal cap or a low profile vertical termination.
Note: A 3" diameter exhaust liner may be used if conditions will not allow for the 4" exhaust liner. Cold start-up problems may be experienced however when using a 3" exhaust liner.
Firebox zero clearance standoffs supplied with the heater are not required for this application.

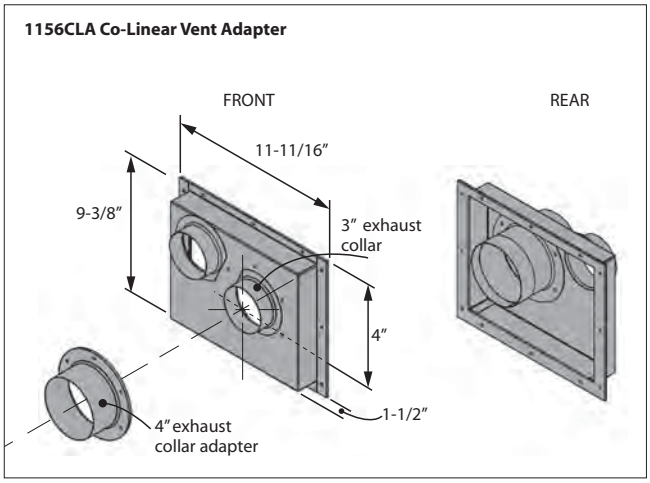
Rules for Co-Linear Venting

- Maximum 40 feet vertical pipe
- Minimum 10 feet vertical
- Maximum offset 8 feet with liners at minimum 45 degrees from horizontal plane
- Restrictor: Use #4 position for all co-linear installations—refer to page 34 for restrictor


Approved 4 x 3 co-linear termination
3" intake liner
4" exhaust liner
Flashing
Co-linear adapter
3" min. bend radius for intake liner and 4" min. bend radius for exhaust liner
Any finishes applied above the fireplace's opening must be non-combustible
1 x 3" intake liner and 1 x 4" exhaust liner
1156 Co-linear adapter
Engine

Co-Linear installation into existing F/P

Co-linear Venting

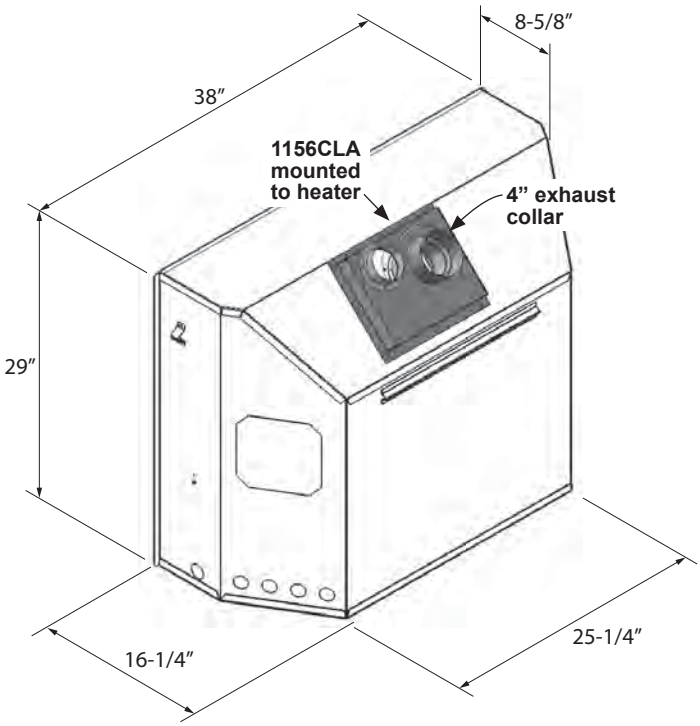


Dimensions with co-linear adapter

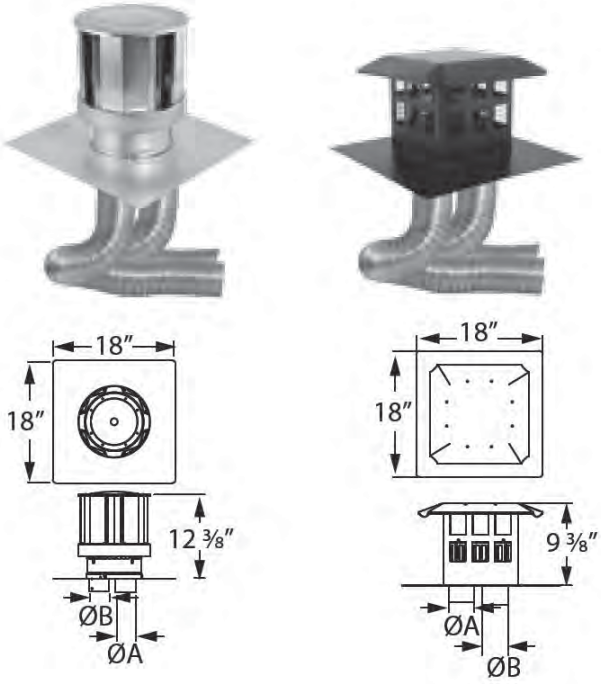
Dimensions shown are with Valor 1156 co-linear adapter.

Installation

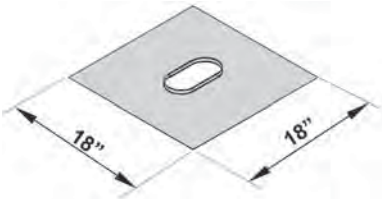
For installation of the adapter to the appliance, see the instructions supplied with the 1156CLA.



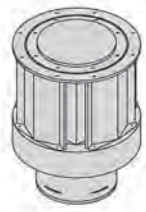
Example of co-linear terminal configurations



Co-linear terminal kits



Flashing Kit



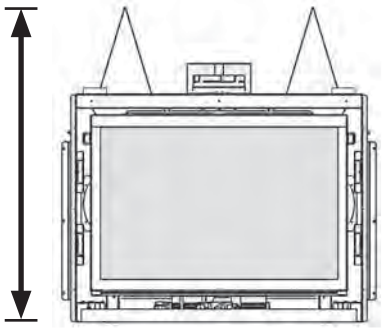
Terminal Cap

Installer—READ THIS FIRST

Only qualified licensed or trained personnel should install this appliance.

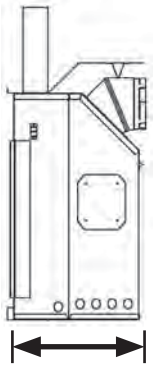
1. **YOU NEED TO KNOW FROM THE HOMEOWNER:**
   - The height of the unit and hearth if used;
   - The thickness and type of the wall finish around the firebox opening;
   - What accessories (trim, decorative lighting, etc.) will be installed with this fireplace;
   - The venting configuration.
2. Unpack the appliance, removing all items packed inside and around the appliance.
3. Check that you have everything, using the Pack Content sheet. Also, check that you have:
   - a fuel bed (logs or glass) (packed separately)
   - a set of liners (packed separately)
4. Finish the framing.
5. Fit the appliance into framing and fix it to the framing.
6. Remove the window of the appliance.
7. Install the venting system and tape vent pipe joints.
8. Position the restrictor.
9. Connect the electrical wiring for optional electric accessories if used.
10. Install the optional electric accessories if used.
11. Connect and test the gas supply.
12. Install the liners.
13. Install the fuel bed.
14. Refit the window and the hot glass safety plate if removed.
15. Initialize the remote control system.
16. Verify the operation and adjust aeration settings.
17. Install the remote control handset wall holder.
18. **Instruct the homeowner on the operation and maintenance of the fireplace.**
19. Finish the wall around the fireplace.
20. Install the surround trim **and barrier screen**.

Appliance Height in Framing



Hearth considerations

- Only a non-combustible hearth can be installed in front of the appliance if within 4” of the bottom of the appliance.
- The top surface of the non-combustible hearth must be at the same level as appliance bottom panel when using certain trims and accessoires—see page 48.
- The non-combustible hearth in front of the appliance, if within 4” of the bottom of the appliance, must include the 1/2” *Micore* insulation board provided to be used as thermal break between non-combustible and combustible material underneath.



Appliance Depth in Framing

- 1130 Minimal Trim installs at framing stage and the appliance position is fixed in the framing. Wall finishes butt up to the frame of the 1130 Minimal Trim.
- All other trims install after the wall finish is applied. The perimeter of the trims overlap the wall finish; therefore the thickness of any wall finish materials must be taken into consideration. The trims have enough adjustability to allow up to 3/4” thick material applied over top of the 1/2” thick non-combustible board. Otherwise the appliance position within the framing must be adjusted to allow the additional thickness—see pages 47-48.

Plan Wall Finish

Non-combustible cement board

The H5 fireplace requires a 1/2" (13 mm) thick non-combustible cement board or equivalent, to be used as a wall surface immediately above the unit—see diagram for minimum coverage.

Extending the cement board well beyond the minimum shown will help avoid cracking due to differential expansion of materials. Pre-drill cement board with oversized holes and do not over-tighten screws to avoid cracking due to heat expansion.

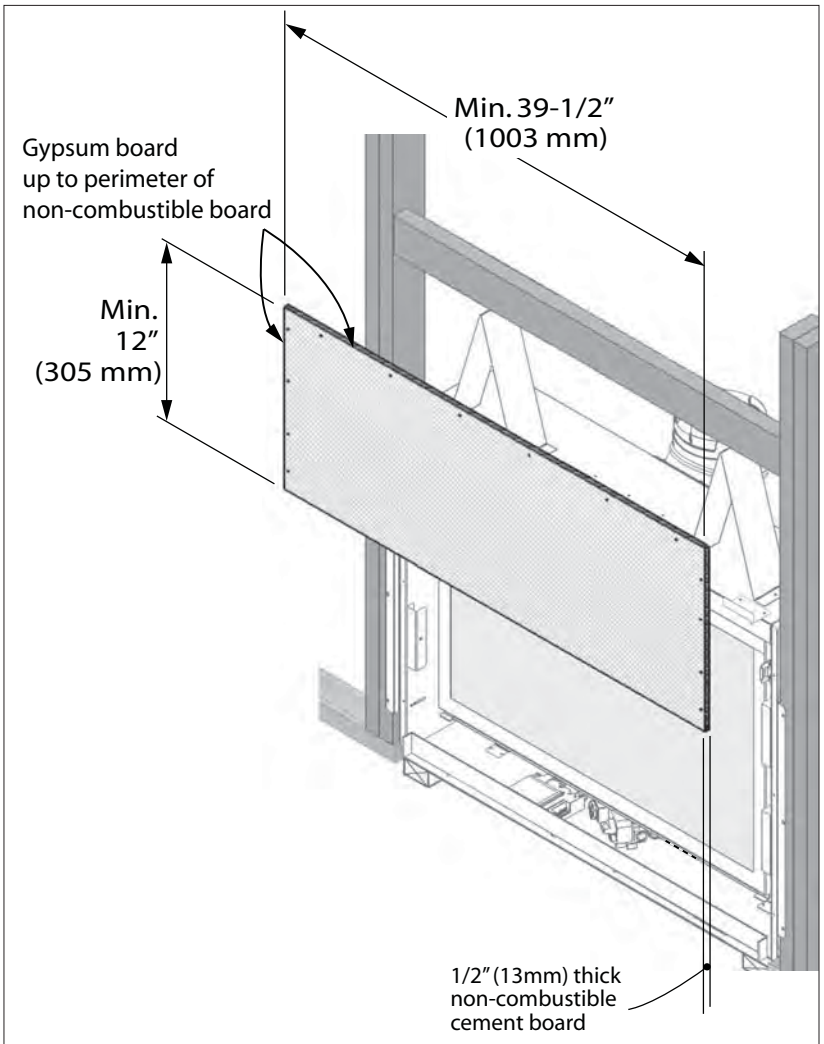
Standard gypsum wall board may be used beyond the perimeter of the cement board although it is preferable not to change materials to help avoid cracking.

Finishing around trims

Additional non-combustible material such as tile, etc., may be applied over top of the wall surface or you may choose to leave it finished clean with no tile, etc.

Be aware that a trim is always required and that the wall finish thickness must be taken into account for all installations other than the Minimal 1130 clean style trim.

All the other trims, 1135, 1140, 1147 and 1149 will accept wall finish tucked under their edge up to approximately 2" thick.



Minimum cement board dimensions

1130MTB Minimalist Kit

1135TSB 3-sided trim

1140FSB 4-sided trim

1147CMS Cast Mantel

1149EDV Edgemont Double-Door Kiit

Cracking

If a clean finish with no tile, etc. is desired, joints in the non-combustible board and the transition to gypsum board will require special attention if future cracking is to be controlled.

Shrinkage and differential movement of the framing and non-combustible wall board can transmit cracking through to tiles, etc.

Be aware that temperatures on the non-combustible wall surface above the appliance can exceed 200°F.

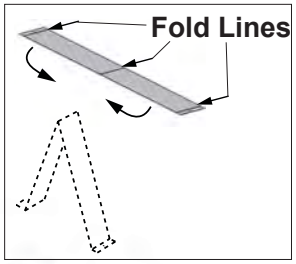
Below are some tips on how to best avoid any cracking:

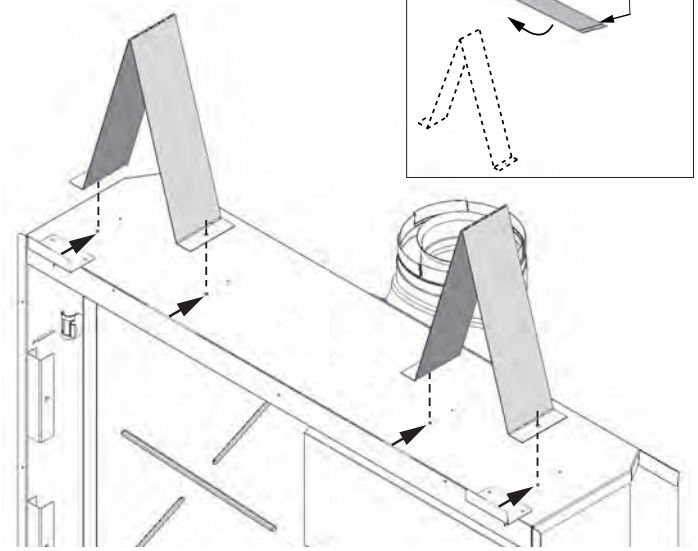
- Allow materials to dry thoroughly before finishing the wall. Cement board has the ability to absorb up to 30 percent of its weight in water and may shrink as much as 1/8” over a 48” length when drying from a saturated condition. Running the fireplace for an extended period before final finishing will help drive out moisture.
- Always pre-drill screw holes through cement board and use screws with self-milling head.
- Always use mesh tape over joints.
- Always stagger joints in wall board.
- Behind joints, double up studs or use studs “on the flat” to add extra support to the joint. Adhesive on the backside of wall board behind any joints can help control differential movement.
- Use multiple, thinner coats of joint compound and allow to dry thoroughly between coats.
- Ensure framing materials are dry.
- After finishing the wall, introduce heat gradually to slowly dry any excess moisture rather than drying too fast.
- Avoid notching cement board or tiles around corners of window opening and instead provide a joint that intersects the corner.

Unpack Appliance

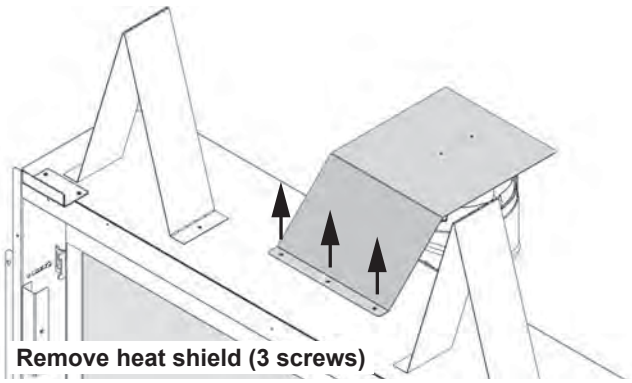
Beware of sharp edges! Wear gloves!

1. Remove the cardboard wrapping and the wood pallet from the appliance and discard.
2. Unpack any loose items from around the appliance.
3. **Verify that you have all the components required for the installation, *including:***
   - ***approved non combustible cement board;***
   - ***liners and fuel bed (in separate cartons);***
   - ***trim kit with barrier screen;***
   - ***venting components and accessories;***
   - ***electrical components if installing optional blower.***
4. The standoffs are supplied flat on the firebox and fixed at one end. Bend them as shown and fix the loose end to the top of the firebox.





5. Remove the heat shield from the top of the appliance case (3 screws). If using the top outlet, discard the shield. If using a rear outlet, keep the shield to reinstall after converting the top to rear outlet—see next subsection.

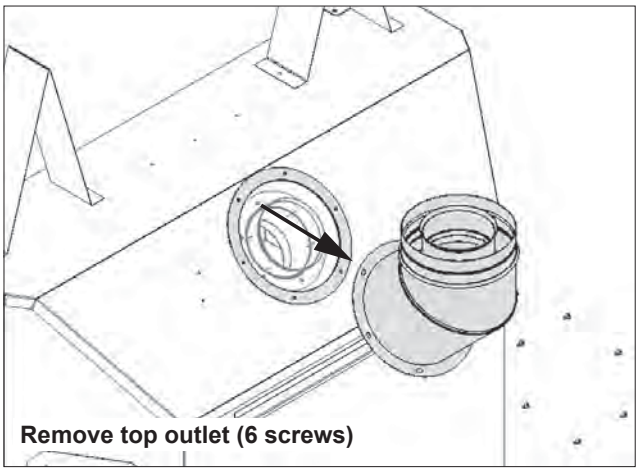


Convert from Top to Rear Outlet

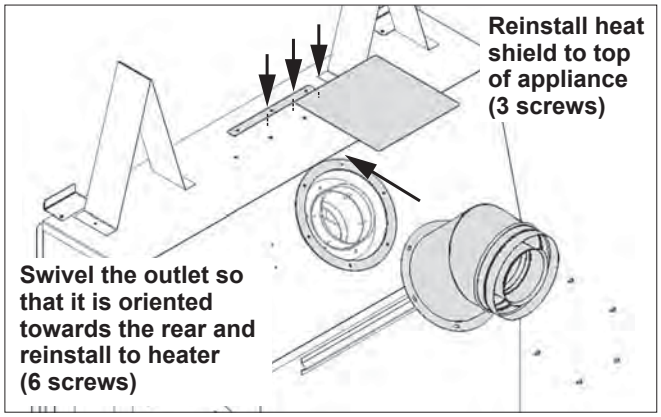
(if required)

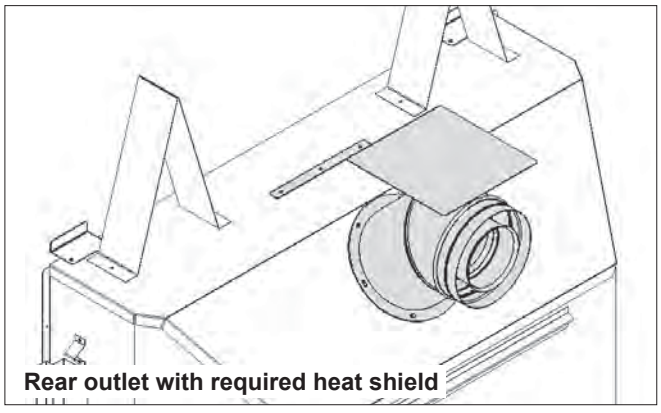
This unit is supplied with a top vent outlet which can be field-converted to a rear vent outlet. **Please note that the rear outlet requires the installation of the heat shield on top of the heater case as indicated.**

1. Remove the top outlet collar (6 screws).



2. Swivel the collar and install as a rear outlet (6 screws).
3. Reinstall the heat shield to the top of the appliance case (3 screws).

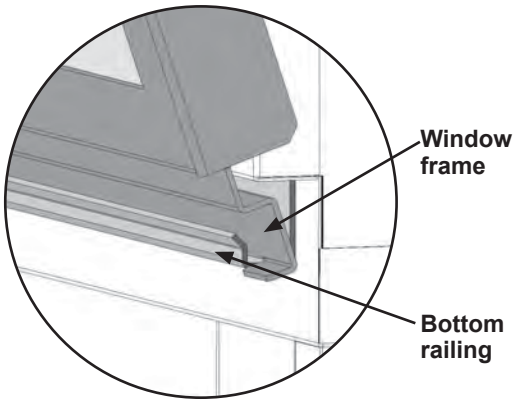

Reinstall heat shield to top of appliance (3 screws)
Swivel the outlet so that it is oriented towards the rear and reinstall to heater (6 screws)



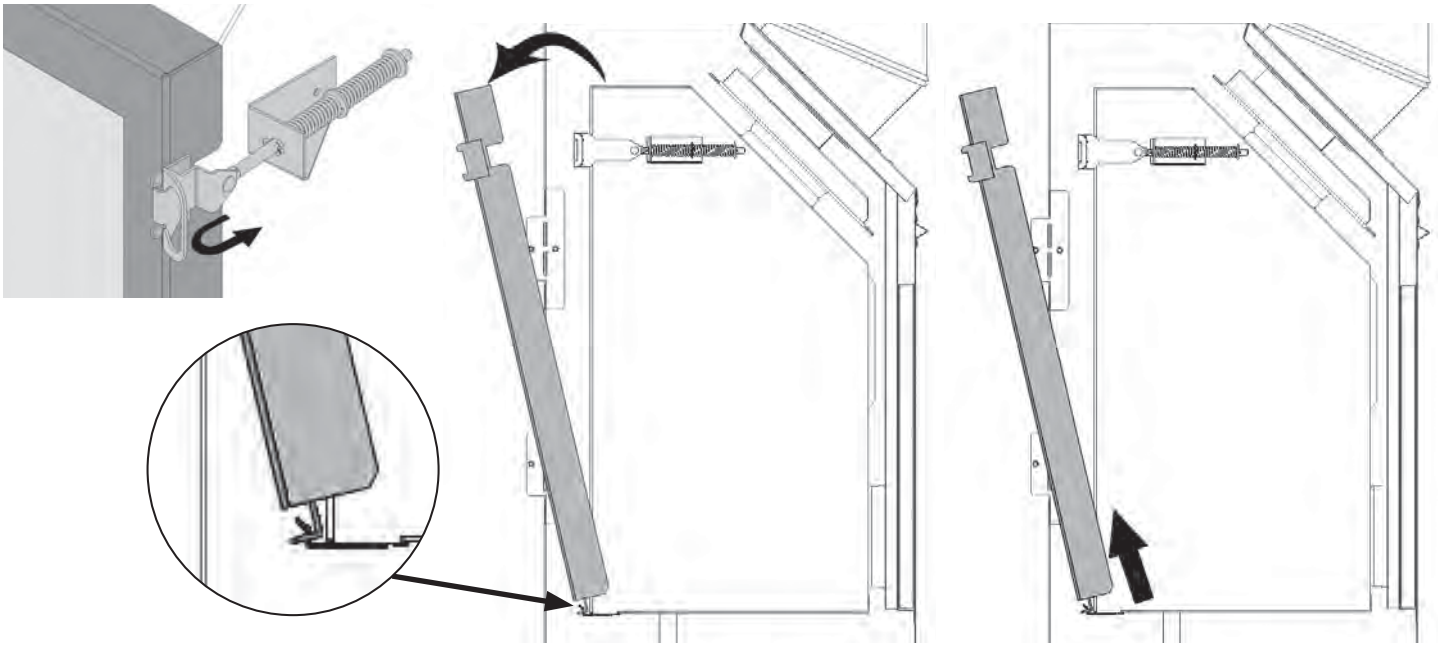
Remove Window

The window is held in place by a spring-loaded lever on each side.

1. To remove the window, locate the levers on each side of the window towards the top. Using your finger, pull the lever towards you and unhook it from the window frame bracket.
2. Gently pull the top of the window outward.
3. Lift the window out of its bottom railing and set it aside in a safe place to avoid damage.



Section Views

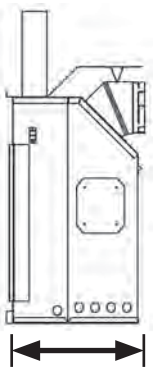


Install Appliance for 1130 Minimal Trim

Appliance Depth in Framing—with 1130 Minimal Trim

- The 1130 installs to the appliance during the framing stage and the appliance's position is fixed in the framing. Wall finishes are then applied over top of the flanges and butted up to the frame of the 1130 trim.
- Non-combustible floor / hearth finishes may be installed butted up to the bottom trim when using the 1130 trim provided the total thickness does not exceed 1" including 1/2" *Micore* board.

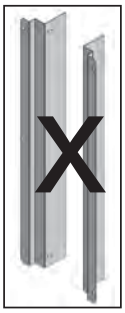
1130MTB Minimal Trim Kit

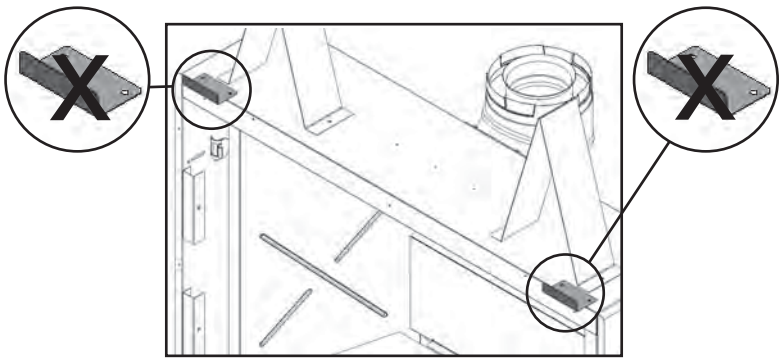


Rear take-off 16-1/2"
Top take-off 17-1/2"

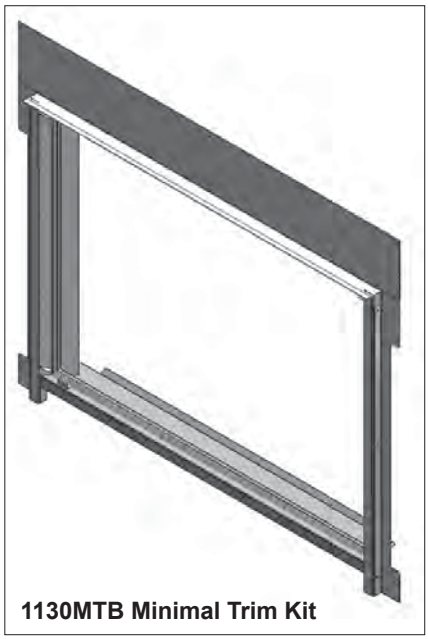
1130 Minimal Trim, fixed position

- **side brackets** supplied with appliance **not required**
- appliance **positioning brackets** supplied on appliance **not required**

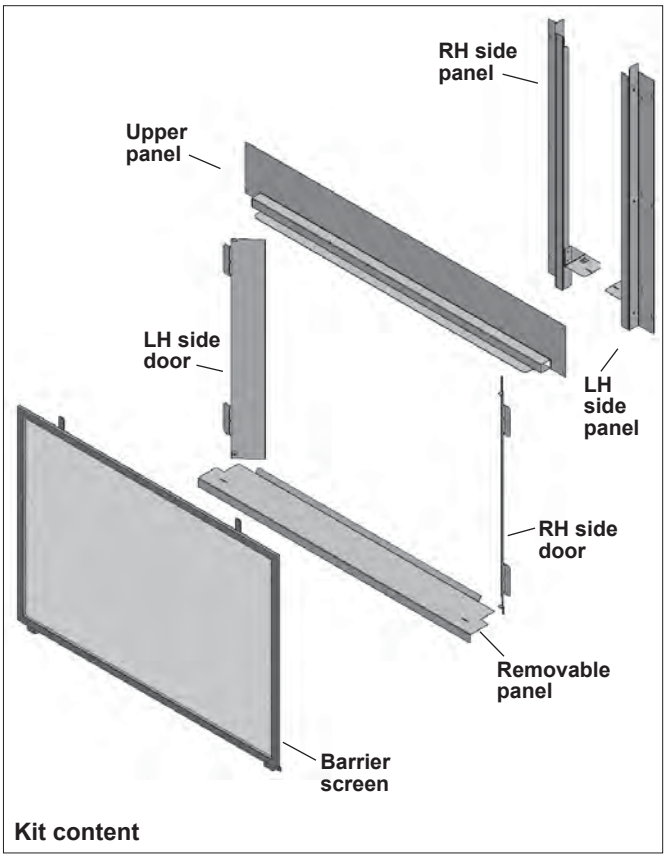




Install Appliance with 1130 Minimal Trim Kit



1130MTB Minimal Trim Kit



Kit content

Part of the 1130 Minimal Trim Kit installs at the time of framing the appliance.

The side brackets provided loose with the appliance are not needed with this kit.

The 1130 Minimal Trim is not compatible with any other trim or door kits.

Hearth considerations

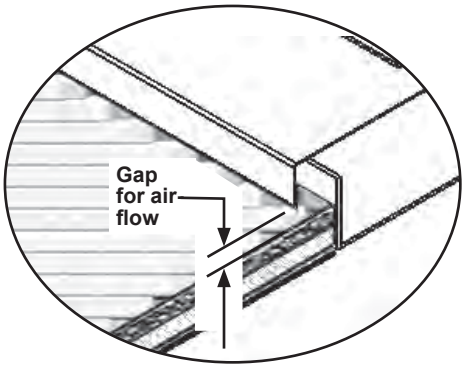
You need to know whether there will be a hearth or not in front of the appliance and some rules must be considered:

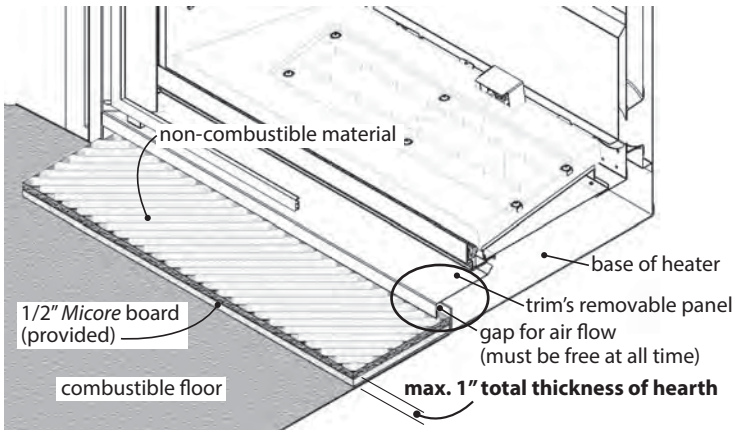
Without hearth

In the case where there is no hearth, the bottom of the appliance must be raised at least 4” inches above any combustible floor in front.

With hearth

- Only a non-combustible hearth can be installed in front of the appliance if within 4” vertically of the bottom of the appliance. See *Hearth Requirements* section of this manual.
- The non-combustible hearth in front of the appliance, if within 4” of the bottom of the appliance, must include the 1/2” *Micore* insulation board provided to be used as thermal break between non-combustible and combustible material underneath.
- A non-combustible hearth of up to 1” total thickness may be butted up to the heater otherwise the heater must be raised to accomodate the hearth thickness. See details on the right.

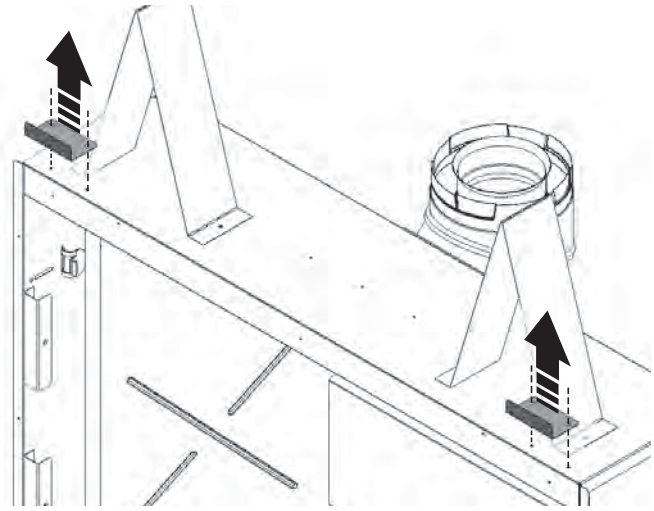




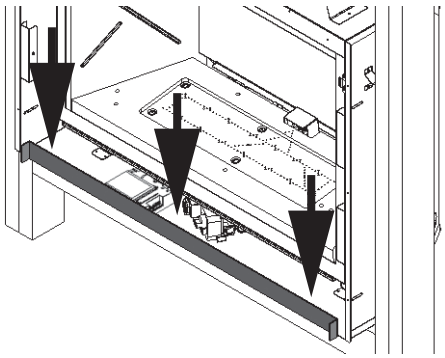
Non-combustible hearth with 1130 Minimal Trim—cross-section

Installation

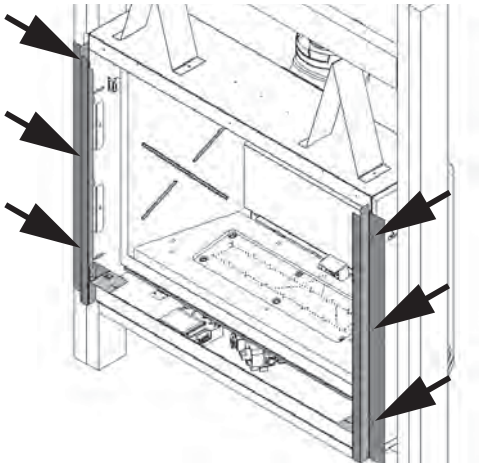
1. Unpack the 1130 kit checking that you have all the pieces on hand.
2. On the top of the appliance's case in front of the stand-offs, remove the positioning brackets (2 screws each); they are not used with this kit.



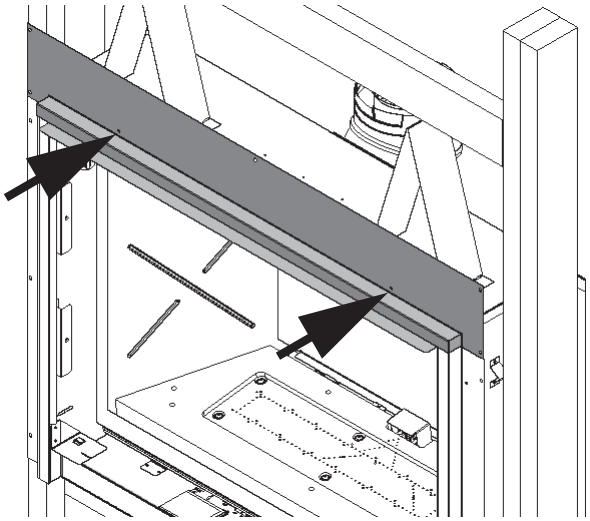
3. At the bottom of the appliance case, install the valve cover provided with the appliance, as indicated (3 nuts).



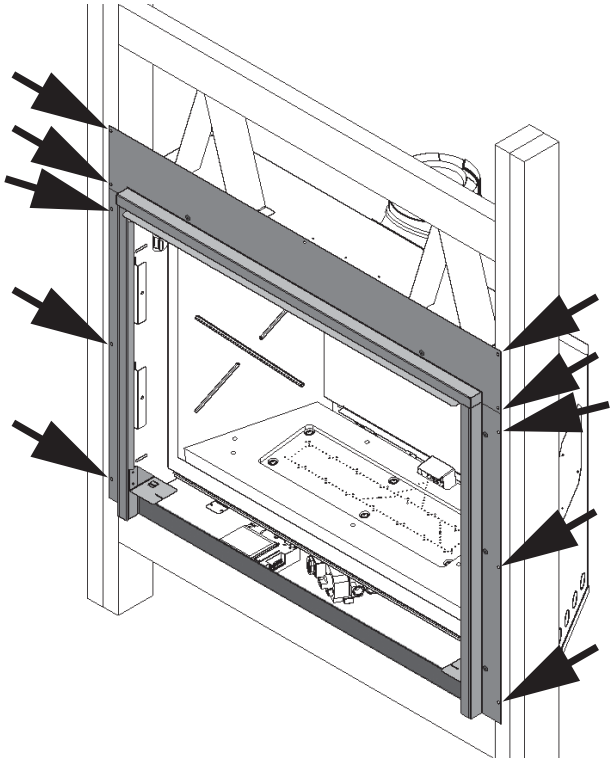
4. On the appliance, install the side panels as indicated (3 screws per side).



5. Install the upper panel as indicated (2 screws).



6. Slide the appliance into the framing and fix it to the studs on each side (5 fixing points per side).



7. Set aside the side doors, removable panel and barrier screen to install later when the appliance's set-up and wall finish application are completed. Continue the installation of the heater as indicated in this manual.

Install Appliance for 3 and 4-Sided Trim, Doors or Cast Mantel

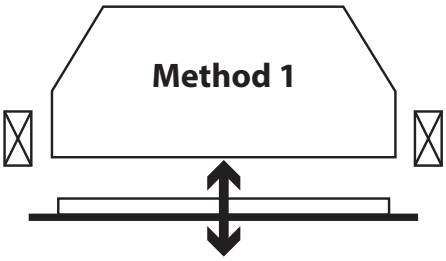
Appliance Depth in Framing—with 3 and 4-Sided Trims, Doors

- The 3 and 4-sided trims are adjustable to accomodate up to an additional 3/4” of tile or other over top of the 1/2” non-combustible wall board.
- The appliance’s position within the framing cavity may also be adjusted for depth in the framing to accomodate additional wall finish thickness “tucked” behind the trim.

1135 3-sided trims | 1140 4-sided trims | 1149EDV Edge-mont Double-Door Kiit | 1147CMS Cast Mantel

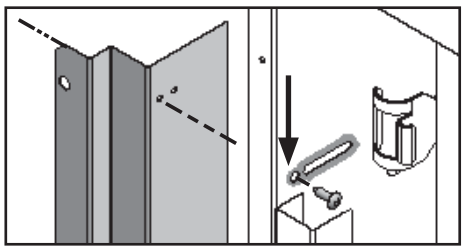
3 and 4-Sided Trims, Doors adjustable position

Installation Method 1

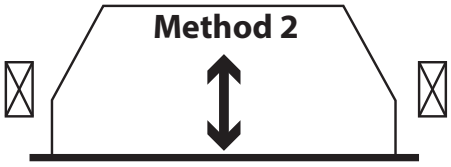


- wall finish thickness: **up to** 3/4” + 1/2” non-combustible board
- trim’s depth on appliance can be adjusted to accomodate wall finish thickness

- side brackets fixing position

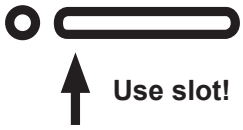


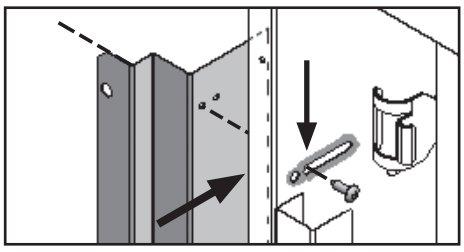
Installation Method 2



- wall finish thickness: **more than** 3/4” + 1/2” non-combustible board
- appliance’s depth can be adjusted in the framing to accomodate additional wall finish thickness of up to approximately 2”

- side brackets fixing position

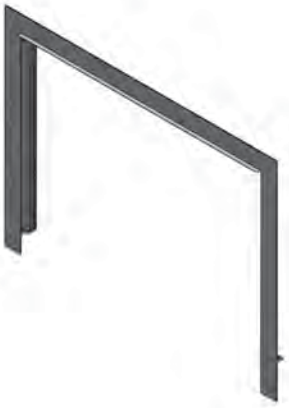




Install Appliance for 3 or 4-Sided Trims and Fronts

The 3-sided trims 1135, 4-sided trims 1140, double doors 1149 and cast mantel 1147 are fitted to the appliance once it's installation and the wall finish application have been completed.

The side brackets provided loose with the appliance are required for those trims and fronts.



1135 3-sided trims

1140 4-sided trims

1147CMS Cast Mantel

1149EDV Edgemont Double-Door Kiit

Hearth considerations

You need to know whether there will be a hearth or not in front of the appliance and some rules must be considered:

Without hearth

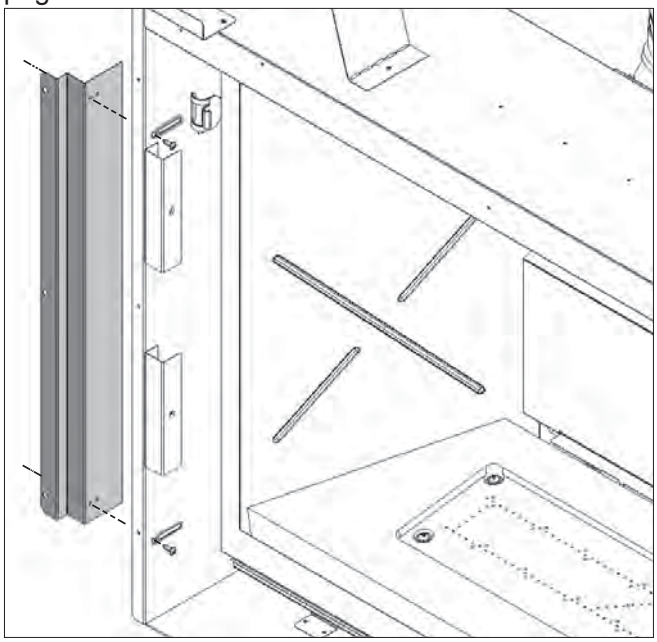
In the case where there is no hearth, the bottom of the appliance must be raised at least 4" inches (102 mm) above any combustible floor in front.

With hearth

- The bottom of the appliance must be installed level with the top of the hearth surface in most cases other than with the 4-sided trim which hangs below the bottom of the appliance.
- Only a non-combustible hearth can be installed in front of the appliance if within 4" vertically of the bottom of the appliance.
- The non-combustible hearth in front of the appliance, if within 4" of the bottom of the appliance, must include the 1/2" *Micore* insulation board provided to be used as thermal break between non-combustible and combustible material underneath.

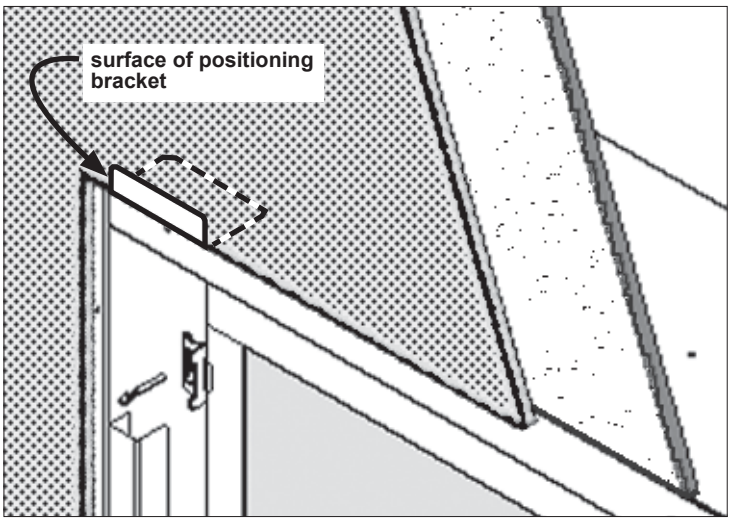
Fit Appliance to Framing

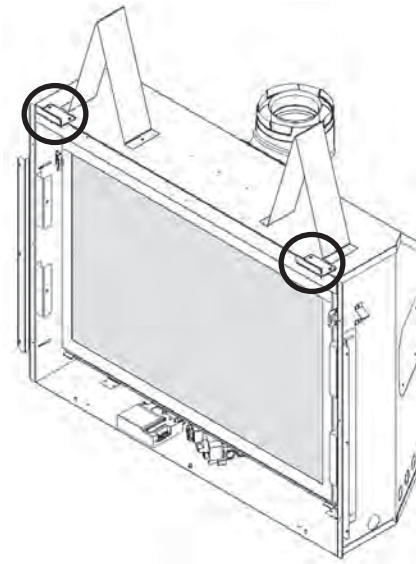
1. Install stud brackets on each side of the appliance (2 screws per bracket). Use the hole or the slot according to the thickness of the wall finish—see page 47.



2. Taking great care not to cut your hands on the sheet metal edges, lift the appliance out of its packing base and place it in the framing. *Make sure that the unit is at the right height with consideration to the height of the hearth or combustible flooring.*

   When setting the position of appliance within framing, the front surface of the prositioning bracket indicated should always be flush with where you anticipate the finished wall surface to be. Adjust the position of the side brackets to suit.
   If in doubt, allow for slightly less material thickness as the trims have additional 3/4" of adjustment.





Install Electrical Wiring

(for optional fan or power adapter kit)

This section provides information to install the electric pre-wiring required for use with the 1195CFK Circulating Fan Kit or GV60PAK Power Adapter Kit.

All wiring must be done by a qualified electrician in accordance with local codes or, in the absence of local codes, with the *National Electrical Code, ANSI/ NFPA 70* or the *Canadian Electrical Code, CSA C22.1***.**

Electrical Requirements

1195CFK—120 V, 60 Hz, less than 1 amp

General Requirements

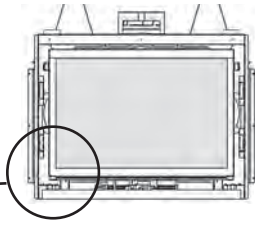
The optional 1195CFK kit includes a three-prong grounded plug to plug into a grounded receptacle, also included with the kit, to be installed within the fireplace enclosure by a qualified electrician.

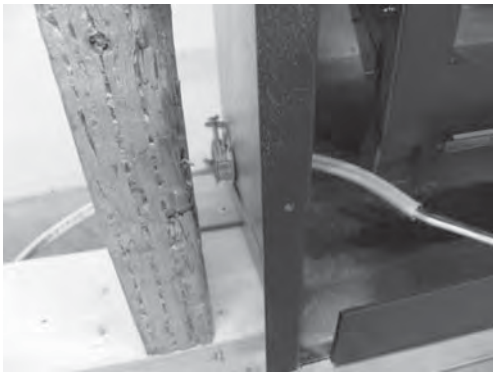
Installation

Thread the power supply cable through the cable clamp (not provided) and through the hole in the lower left hand side of the fireplace casing. Do not tighten the clamp yet. There is a junction box and receptacle included as part of the 1195CFK fan kit. Refer to installation instructions packed with kit. A speed control is also packed with the kit.

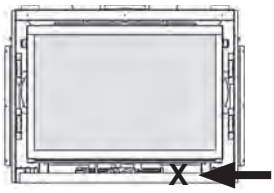
If simply roughing in power at this point, ensure wiring is not live or terminate at this location in a temporary metal junction box using wire nuts to cap wires.

Electrical wiring through the left hand side of the appliance case





Connect Gas Supply



The gas supply inlet connection is a 3/8" NPT male connector located on the right hand side of the firebox.

The unit is supplied with a stainless steel flex line to allow the appliance to be disconnected for service. An individual shut-off valve (not supplied) is required on the supply line ahead of the flex connector.

Use only new black iron or steel pipes or copper tubing if acceptable—check local codes. Note that in USA, copper tubing must be internally tinned for protection against sulfur compounds.

Unions in gas lines should be of ground joint type.

The gas supply line must be sized and installed to provide a supply of gas sufficient to meet the maximum demand of the appliance without undue loss of pressure.

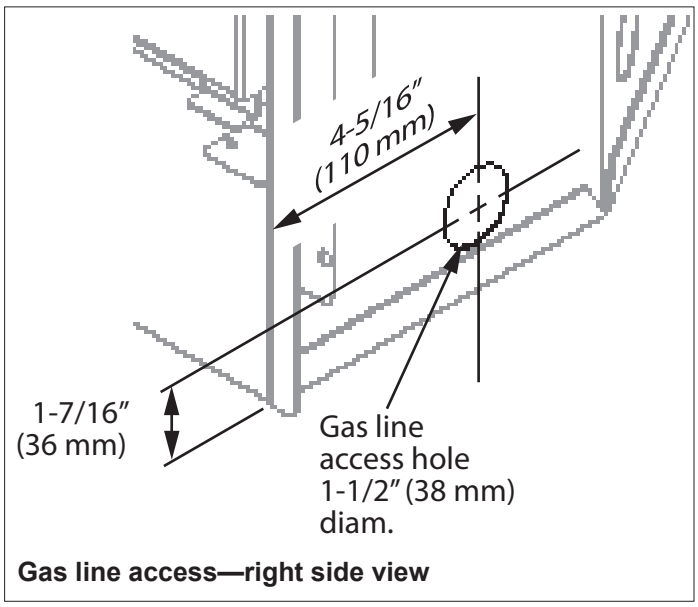
Sealant used must be resistant to the action of all gas constituents including LP gas. Sealant should be applied lightly to male threads to ensure excess sealant does not enter gas lines.

Pressure test the supply line for leaks.

The appliance and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5 kPa).

The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.5 kPa).

Failure to either disconnect or isolate the appliance during pressure testing may result in regulator or valve damages and void the warranty. Consult your dealer in case of damages.



Gas line access—right side view

Pressure Test Points

The minimum supply pressure is given in the section *Specifications* of this manual—page 20.

All piping and connections must be tested for leaks after installation or servicing. All leaks must be corrected immediately.

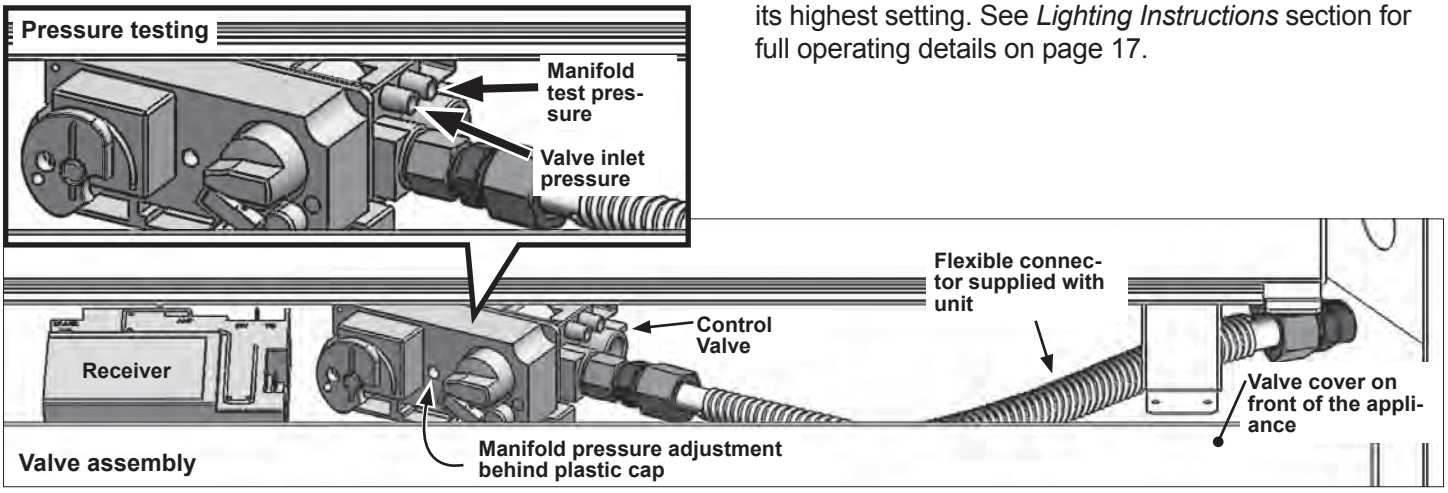
When testing for leaks:

- Make sure that the appliance is turned off.
- Open the manual shut-off valve.
- Test for leaks by applying a liquid detergent or soap solution to all joints. Bubbles forming indicate a gas leak.

  Never use an open flame to check for leaks. Correct any leak detected immediately.

The pressure test tapping locations are shown in the figure below. An internal regulator within the valve controls the burner manifold pressure.

The correct pressure range is shown in the table in section *Specifications* of this manual on page 20. The pressure check should be made with the burner alight and at its highest setting. See *Lighting Instructions* section for full operating details on page 17.



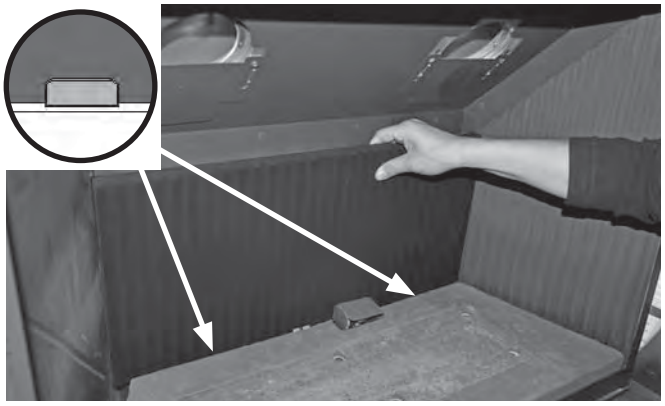
Install Liners

The following guidelines apply for all liners.

1. Inside the firebox, on the top of each side, release the screw of the side panel anchors if necessary so they can rotate freely (one per side).

2. Insert the bottom of one of the side liner panel between the burner and the side wall and rotate it slightly to insert it totally inside the firebox. Push it gently against the side wall. Rotate the side panel anchor to hold the panel in place.

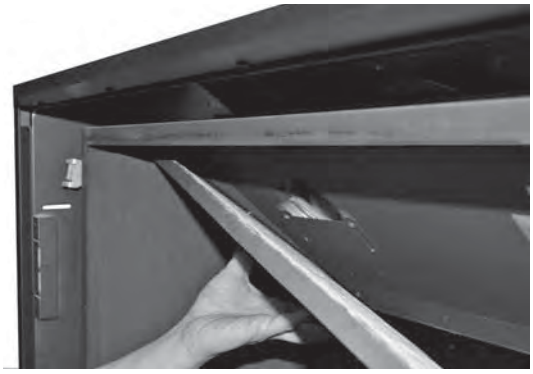
3. Place the rear panel against the back of the firebox behind the rail retainers at bottom and behind the side panel already installed.

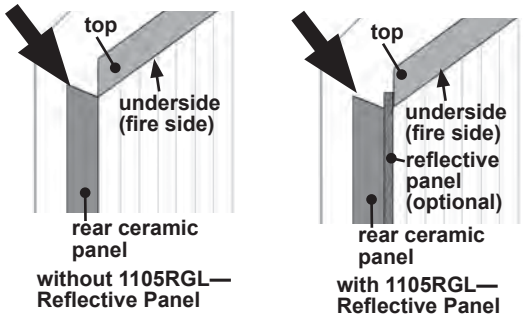


Note: If you are installing the optional 1105RGL—Reflective Glass liner panel (with 1125FBL—Fluted Black Liners), place the reflective panel, smooth side visible, in front of the rear ceramic panel, held in place as well by the bottom rail retainers.

4. Insert the bottom of the other side liner panel between the burner and the side wall and rotate it slightly to insert it totally inside the firebox. Push it gently against the side wall. Rotate the side panel anchor to hold the panel in place.

5. Insert the top panel, beveled edge towards the back of the firebox, on top of one side panel, slide it across to rest on both side panels and rear panel.





Install Driftwood Kit 1101DWK (1100 models)

Material required

- Long Beach Driftwood Kit, which contains:
  - 3 logs
  - 5 pebbles
  - 1 x 1.5 lb bag of 3/4” grey/black shale
- Gloves, if desired

Installation

Logs

Carefully unpack the kit.

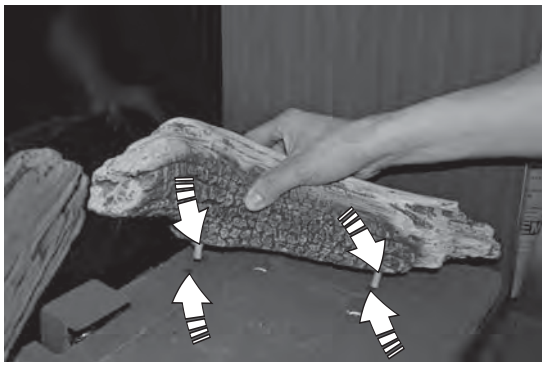
Each log has pegs to help you locate them on the ceramic burner platform. Install the logs as shown below.

1. Place the left log on the left side of the ceramic burner inserting the two pegs of the log in the holes of the burner. NOTE: There are two holes for the front peg of this log depending which type of gas is used for the appliance.

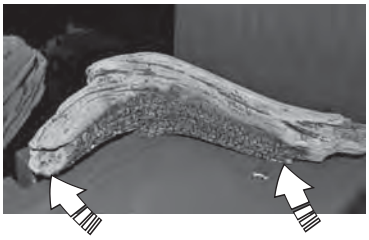
NG fire: Place the log’s front peg in the hole closest to the center of the firebox for natural gas (NG) fire. The log covers both holes.

LPG fire: Place the log’s front peg in the hole closest to the left side wall for propane gas (LPG) fires.

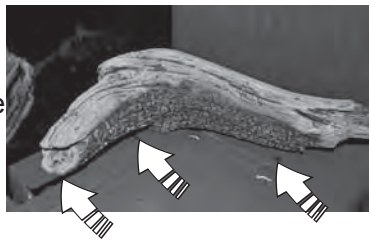
2. Place the right log on the right side of the ceramic burner inserting the two pegs of the log in the holes of the burner. The rear end of the log rests on the pilot shield. NOTE: There are two sets of holes for this log depending which type of gas is used for the appliance.



NG fire: Place the log’s pegs in the holes closest to the center of the firebox for natural gas (NG) fire.



LPG fire: Place the log’s pegs in the holes closest to the right side wall for propane gas (LPG) fires.



3. Place the center log inserting its front end peg in the hole in the front of the burner and resting its rear end in the slight depression on top of the left log.

4. Carefully spread shale in the cavity of the ceramic burner. You can also add some shale on the edge outside of the burner plate cavity.
   NOTE: Ensure the area within the pilot shield is clear of shale pieces.

Pebbles

Place the pebbles on the platform as shown below.

⚠ WARNING

CHOKING HAZARD! Ensure that the fireplace area is clear of shale particles as these could be ingested by small children. Vacuum area after installation.

Install Decorative Glass Murano 1103DGM (1100 models)

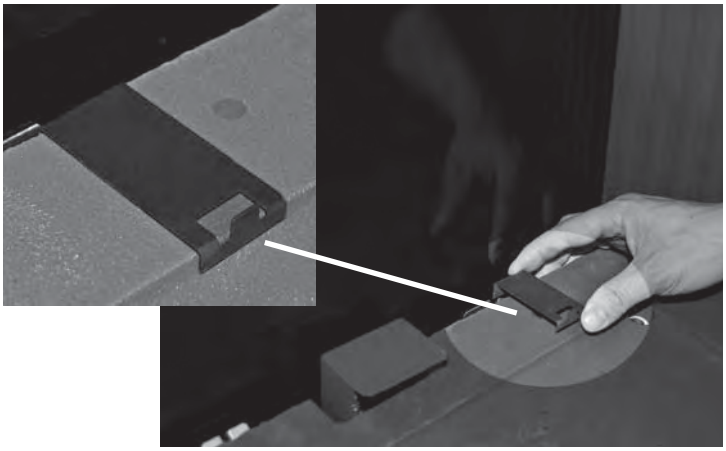
Material required

- Decorative Glass Murano kit, which contains:
  - 1 glass platform
  - 2 platform retainers
  - 1 bag of clear 1/2” fireglass
- Gloves (recommended to manipulate glass)

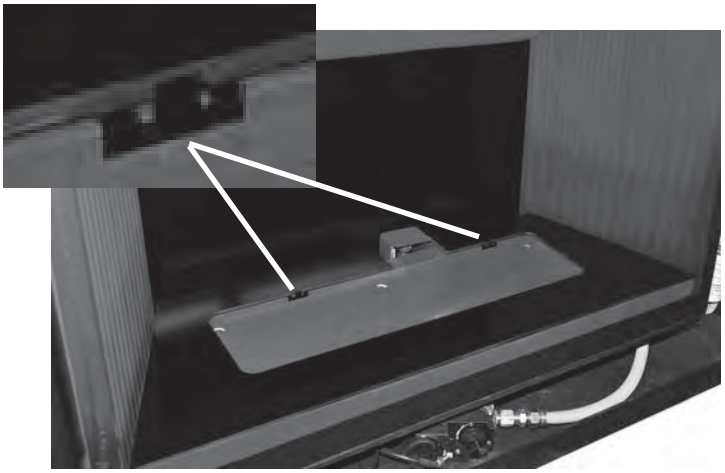
Installation

Carefully unpack the kit. Wear gloves to handle the fireglass.

1. Install the platform retainers as indicated.

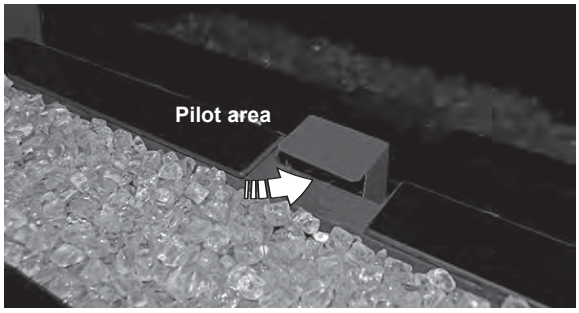


2. Install the glass platform on top of the retainers.



3. Carefully spread the glass on top of the burner within the platform opening.

NOTE: Ensure the area within the pilot shield is clear of glass particles.



⚠WARNING

CHOKING HAZARD! Ensure that the fireplace area is clear fireglass particles as these could be ingested by small children. Vacuum area after installation.

Install Decorative Glass Set 1104DGS (1100 models)

Material required

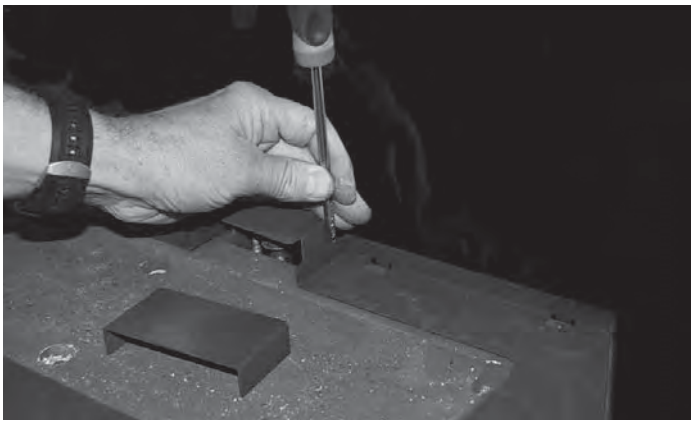
- Decorative Glass Set, which contains:
  - 1 metal tray
  - 1 pilot cover
  - 3 bags of clear 1/2” fireglass
- Gloves (recommended to manipulate glass)

Installation

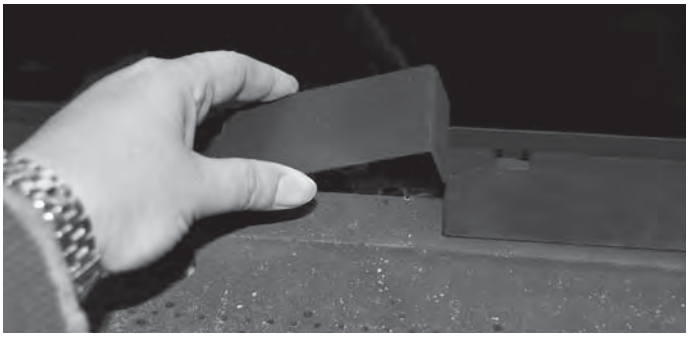
Carefully unpack the kit. Wear gloves to handle the fireglass.

1. Install the metal tray over the ceramic burner.

2. Remove the existing pilot shield (2 screws).

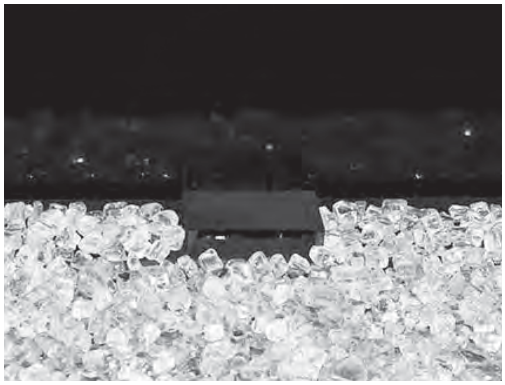


3. Place the pilot cover on top of the metal tray spanning over the pilot cut-out.



4. Carefully fill the metal tray with fireglass, leveling it with the top of the tray’s flange.

NOTE: Ensure the pilot area is clear of glass particles.



⚠ WARNING

CHOKING HAZARD! Ensure that the fireplace area is clear fireglass particles as these could be ingested by small children. Vacuum area after installation.

Install Traditional Logs (1150 models)

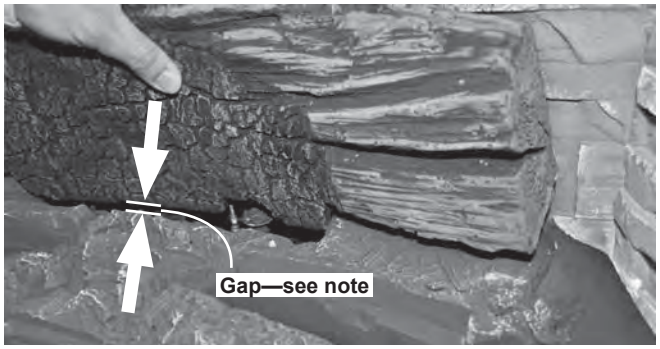
Material required

- Log set included with the appliance, which contains:
  - 8 logs
- Gloves, if desired

Installation

Unpack the ceramic logs very carefully to avoid damaging them. Each log has keys to help you locate them on the ceramic burner platform. Install the logs as shown below. Please note that **the position of the logs is critical to insure proper performance of the appliance.**

1. Place the rear log with its middle part in the notch of the ceramic base. At each end, there is a ridge against which the log rests. The top of the log will be slightly angled forward.

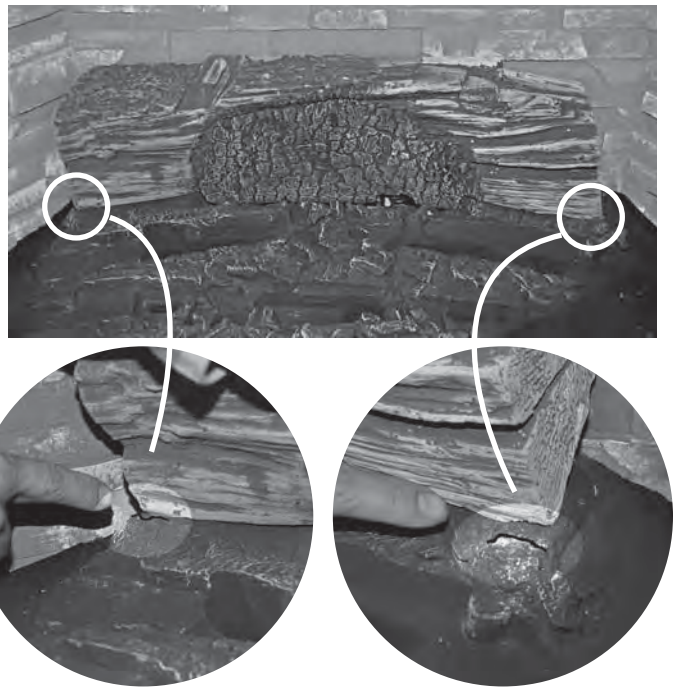


Note: This gap between the rear log and the ceramic burner is critical for proper rear flame appearance. Closing this gap beneralllly produces a taller rear flame while opening up this gap can help eliminate tall stringny flames hitting the roof panel.

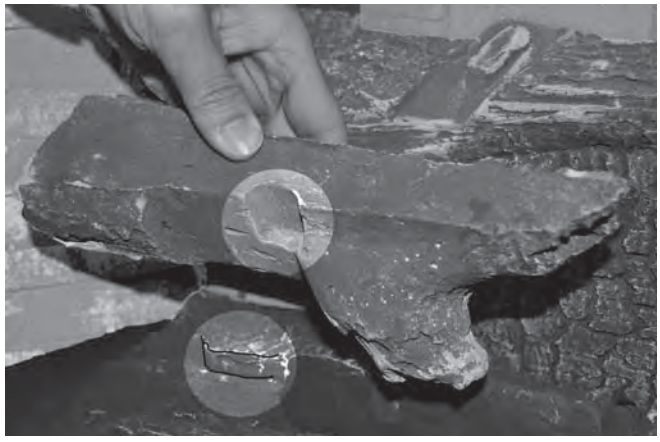
As the vent height affects the rear flame appearance, this gap should be adjusted slightly depending on vent configuration. Rotating the rear log slightly will affect the gap.

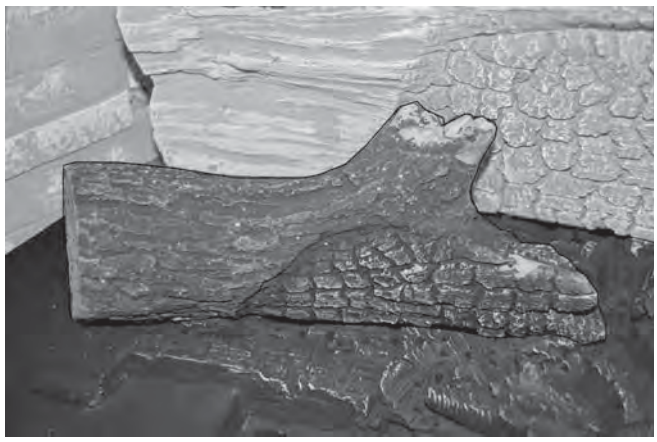
For rear vent configurations with no rise, the gap should be approximately 1/4” and long vertical vents should have very little gap if any.

The rear flame appearrance can be evaluated soon after the unit is lit but keep in mind the flame will grow somewhat and become much more yellow as the unit warms up. A darkened room also helps when evaluating the flame appearance early on.



2. Place the left-hand middle log in front of the rear log locating it over the key in the ember bed as indicated. The flat part of the log sits on the platform. The key notch is at the back of the log.

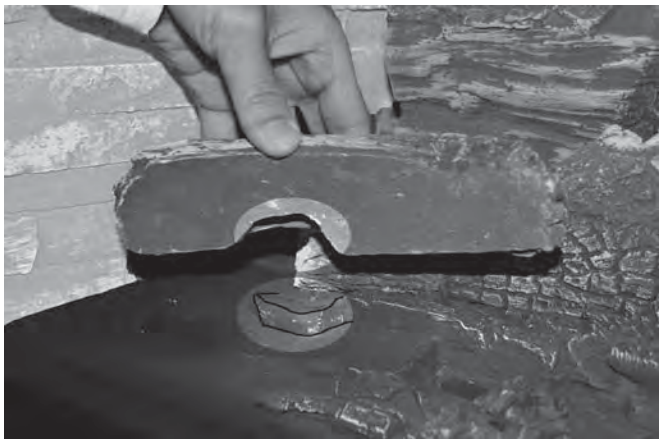




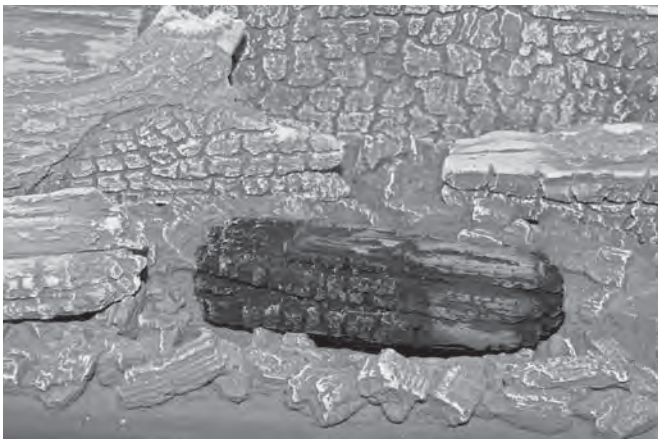
Installation

3. Place the right-hand middle log locating its notch on the key in the ember bed as indicated.

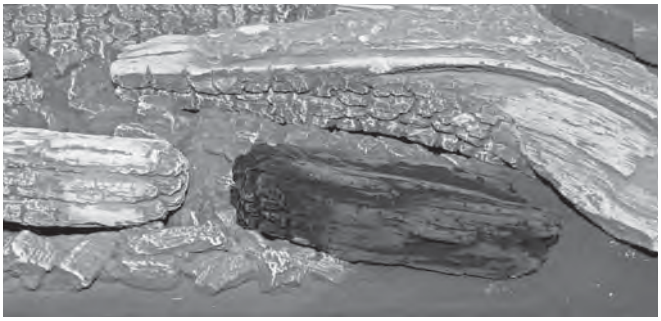
4. Place the left-hand base log on the platform locating it on the key as indicated.



5. Place the center base log locating its notch on the key in the ember bed as indicated.

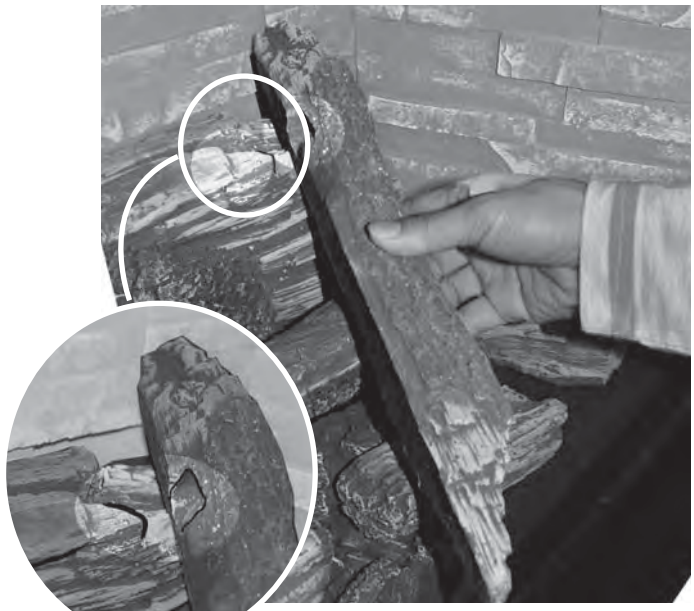


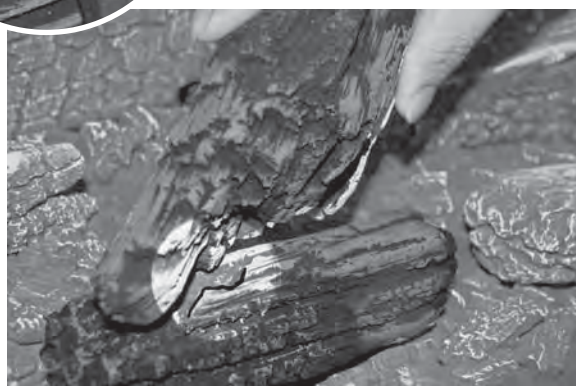
6. Place the right-hand base log locating its notch on the key in the ember bed as indicated.



7. Place the left-hand cross log locating its notch on the key on the top of the rear log as indicated. Rest the front end of the log on top of the left base log as indicated.

8. Place the right-hand cross log locating its notch on the key on the top of the rear log as indicated. Rest the front end of the log against the key on top of the center base log as indicated.





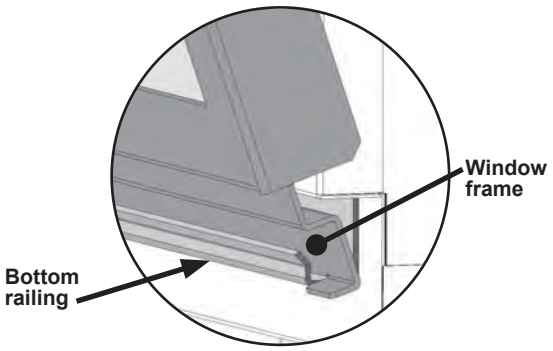
Complete 1150 log set installed

Refit and Check Window

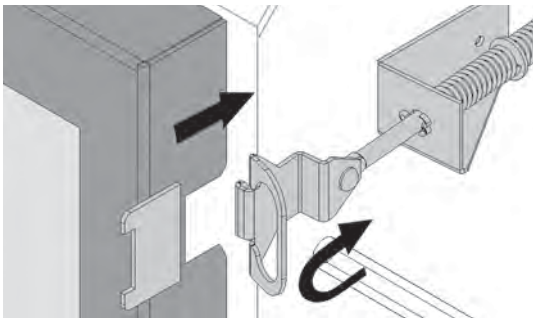
1. To refit the window, place it in its bottom railing and push its top against the firebox. **Ensure there is no glass or shale particles in the bottom railing.**
2. While you hold it, pull the side levers back into the window brackets on each side.

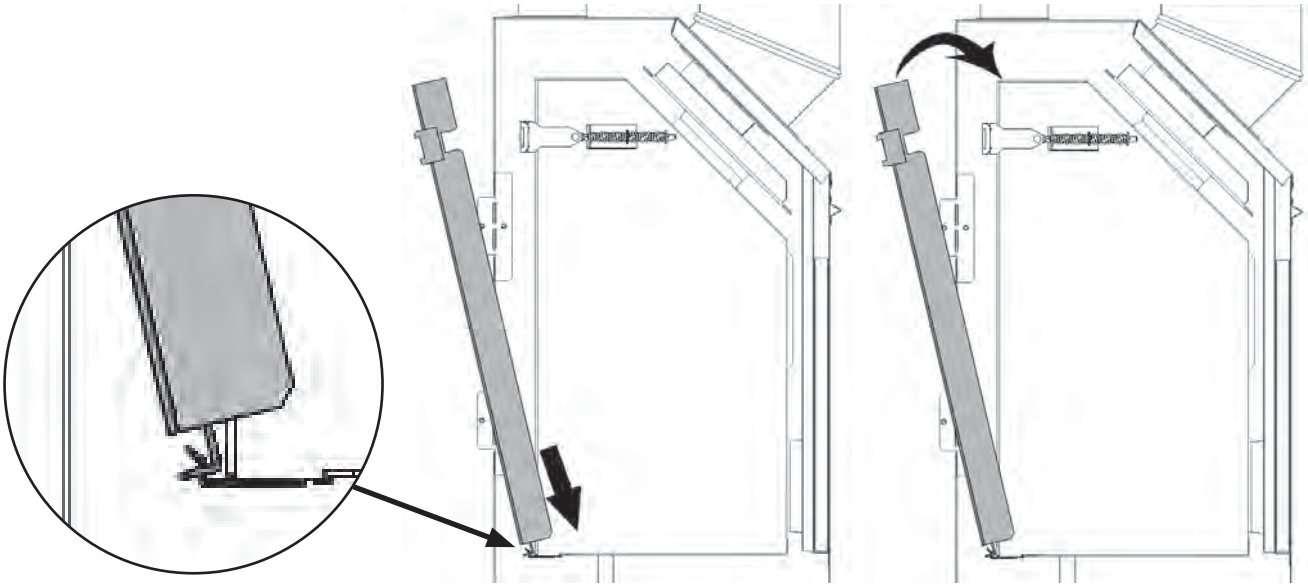
IMPORTANT: To ensure a safe operation, verify that the levers are hooked properly to the window tabs; then, pull out the top of the window and release it to insure the springs return it.
Also, double-check that the bottom of the window frame is correctly installed in its the bottom railing.

3. Apply light hand pressure against the window frame sides to bed-in the window seal.
4. **If the Hot Glass Warning plate has been removed from the front lower corner of the window, reinstall it by sliding it between the glass and the frame as indicated.**



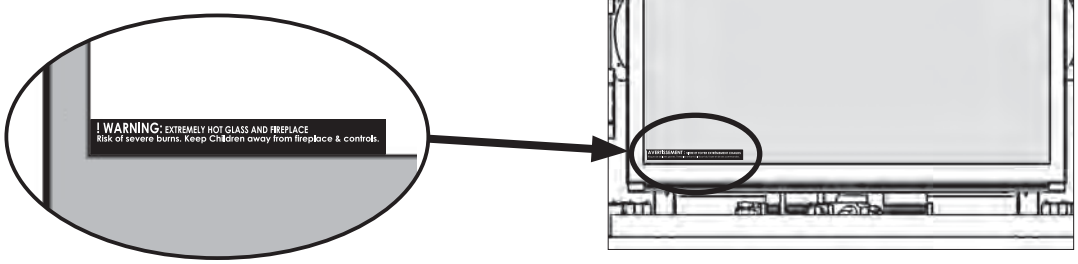
Section Views





! WARNING: EXTREMELY HOT GLASS AND FIREPLACE
Risk of severe burns. Keep Children away from fireplace & controls.
AVERTISSEMENT : VITRE ET FOYER EXTRÊMEMENT CHAUDS
Risque de brûlures graves. Tenez les enfants à l'écart du foyer et de ses commandes.

Hot Glass Warning Plate

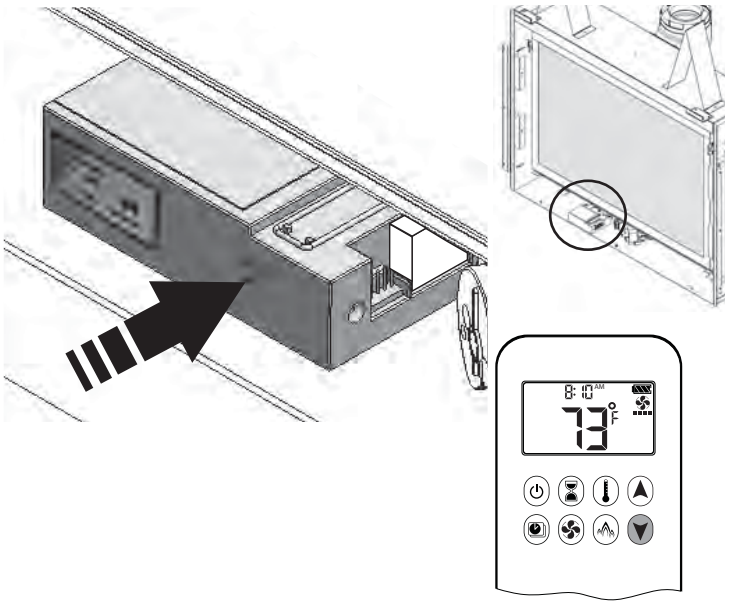


Remote Control Initial Pairing

The receiver and the handset of the remote control system must be initially paired before the first use.

1. Insert two 1.5 V AAA **alkaline** batteries in the handset.
2. Locate the Reset button on the front side of the receiver.
3. With a sharp object, press and hold the receiver's RESET button until you hear one short and one long beeps. After the second beep, release the reset button.
4. Within the subsequent 20 seconds, press the ⏬ button on the remote handset until you hear two short beeps confirming the pairing is done. If you hear one long beep, the pairing sequence has failed or the wiring is incorrect.

This is a one time pairing only and is not required when changing the batteries of the handset or receiver. The remote control system is now ready to use.



Check Operation

Turn the fireplace flame up and down using the remote control to confirm that the full range of inputs is achieved—see the remote control operation instructions on pages 11–15.

Adjust Aeration if needed

Light the fire and allow the unit to warm up for 10–15 minutes to evaluate the flame picture. The burner is equipped with an adjustable shutter to control primary aeration. The shutter is factory-set to an aeration gap which will give optimum performance for the vast majority of installations.

In a few unusual installations, the flame picture may be improved by adjusting the aeration. The need for adjustment should be determined only by operating the appliance with the fuel bed and window installed.

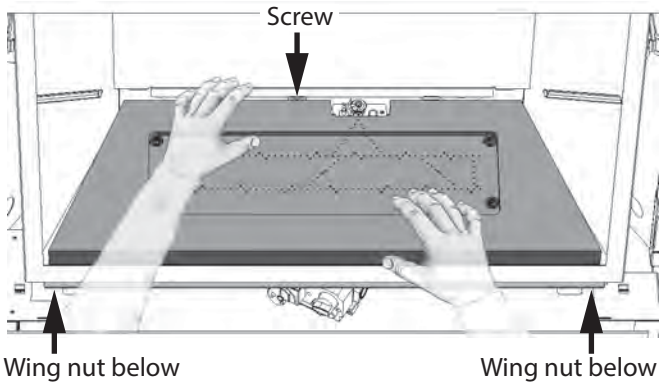
Increasing aeration will cause the flames to appear more transparent and blue showing more ceramic effects glow.

Decreasing aeration will cause the flames to appear more yellow or orange showing less ceramic effects glow.

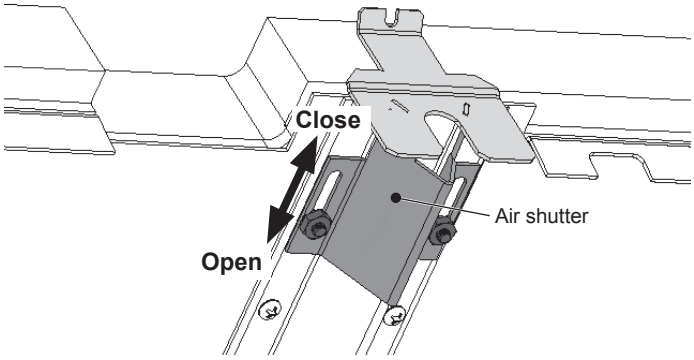
Too little aeration may result in black carbon forming on logs or roof panel and dropping into the firebox.

Air Shutter

To access the air shutter, very carefully remove the ceramic fuel bed. The air shutter is located under the ceramic fuel bed at the back as shown.



Loosen the air shutter screws, adjust and re-tighten.



Install Trim and Barrier Screen

Install the trim chosen by the customer for their fireplace. Install as well the barrier screen which is provided with the trim.

Show the customer how to remove the barrier screen to access the controls.

Follow the instructions provided with the trim and leave those instructions behind for the customer's further reference.

Install Remote Control Handset Wall Holder

The remote control kit for this fireplace comes complete with a wall-mounted holder. This holder is not required in all installations but is provided as an optional feature for those customers who wish to mount the remote handset to the wall.

To install the holder to the wall, find a convenient location (see below) and use the hardware provided with the kit.

IMPORTANT. The location of the remote control handset is important to assure proper temperature regulation.

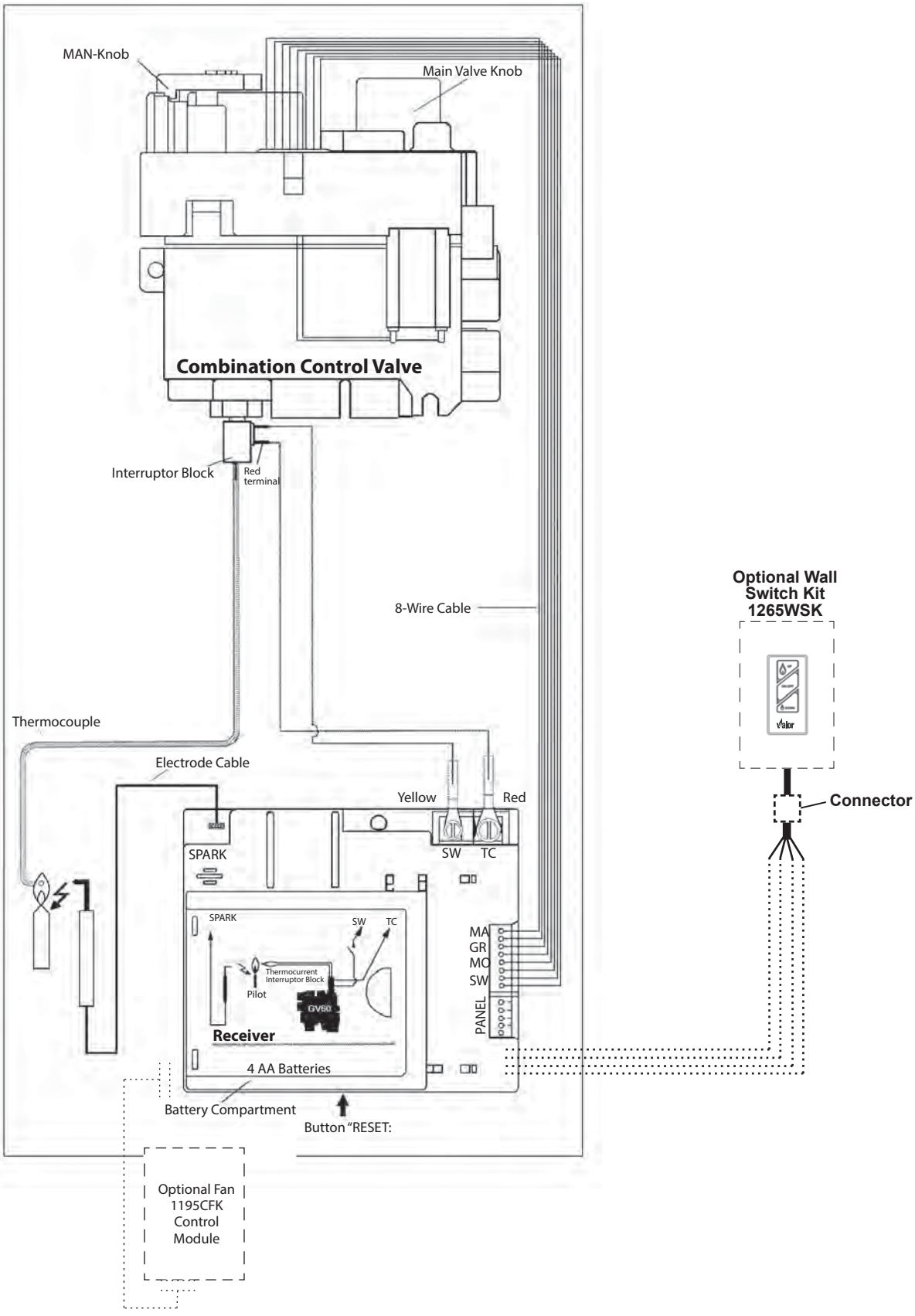
To obtain a constant temperature, we recommend that the handset should be between 3 and 15 feet away from the appliance **but not directly above it**.

We also advise that the handset should be located:

- away from any other heat source,
- not in direct sunlight,
- not on an outside wall, and
- away from return air grilles,

as this may affect the temperature sensor located in the remote handset.

Wiring Diagram



GV60 Wiring Diagram

Approved Venting Components

Approved Direct Vent Suppliers for Valor Models 1100, 1150, 1200[5], 1500, 1600[5] and 1700[6]

Venting Parts Description			Venting Parts Code / availability by Manufacturer							
			DURA-VENT	SELKIRK	ICC EXCEL DIRECT	SECURE VENT	RLH INDUSTRIES	AMERIVENT	MILES INDUSTRIES	BDM
Termination Caps	Horizontal	Standard Co-axial	46DVA-HC	4DT-HC	TM-4HT	—	—	4DHC round	658DVK	940160
		Deluxe Co-axial	—	—	TM-4DHT	—	—	4DHCS square	—	940160
		High Wind Co-axial	—	—	—	SV4CHC	—	—	—	—
	Vertical	Standard Co-axial	46DVA-VC	4DT-VC	TM-4VT	—	HSDV4658-1313	4DVC	—	940264
								4DH-1313		940364
								—		940206LP
		High Wind Co-axial	46DVA-VCH	—	—	SV4CGV	—	—	—	—
		Extended Co-axial	46DVA-VCE	—	—	—	—	—	—	—
		Co-linear	46DVA-CL33	—	—	3PDVCV	HS-C33U-99	HCL-99-33	559CLT	940033B
			46DVA-CL33H							940034B
			46DVA-CL34				HS-C33F-1313	HCL-913-33		940033HWS
			46DVA-33P					HCL-1313-33		940033RD
			46DVA-CL34P							
	Snorkel, 14" Rise		46DVA-SNK14	4DT-ST14	TM-4ST14	—	—	4D14S	—	94040614
	Snorkel, 36" Rise		46DVA-SNK36	4DT-ST36	TM-4ST36	—	—	4D36S	—	94040636
Vent Adapters / Couplers	Universal Adapter 3" Flex Coupler		2150	—	TM-CFAA3	—	—	—	—	95090390
	Co-linear Flex Connector		46DVA-ADF	—	—	—	—	—	—	—
	Co-axial-to-Co-linear Adapter		46DVA-GCL[6]	—	TM-4CAA[6]	—	—	4DCAB33[6]	1156CLA[5, 6]	940106433[6]
	Co-linear-to-Co-axial Adapter		46DVA-GK	—	TM-4CTA	—	—	4DCAT33	—	—
Aluminum Flexible Liner	3" or 4" diameter		NOTE: 2-ply liner approved to CAN/ULC S635 suitable for venting gas appliances. As manufactured by Z-Flex, Flexmasters or others.							
			2280 Series	3" ACFL	—	—	—	3AFL-35	—	952703
										952704
Adjustable Pipe Length 4" x 6-5/8"	4" to 10"	Galvanized	—	4DT-ADJ	—	—	—	4D7A or 4D7AB (3" to 5")	—	94610608 (4" to 8-1/2")
		Black		4DT-ADJ(B)						
	1-1/2" to 6"	Galvanized	—	—	—	SV4LA	—	4D12A or 4D12AB (3" to 10")	—	94610616 (4" to 16")
		Black				SV4LBA				
	1-1/2" to 12"	Galvanized	—	—	TC-4DLT	SV4LA12	—	4D16A or 4D16AB (3" to 14")	—	—
		Black			TC-4DLTB	SV4LBA12				
	1-1/2" to 24"	Galvanized	—	—	—	SV4LA24	—	4D26A or 4D26AB (3" to 24")	—	—
		Black				SV4LBA24				
DV 45° Elbows	Galvanized		46DVA-E45	—	TE-4DE45	—	—	4D45L	—	94620645
	Black		46DVA-E45B	—	TE-4DE45B	SV4EBR45		4D45LB	—	94620645B
	Galvanized Swivel		—	4DT-EL45	—	SV4E45	—	—	—	—
	Black Swivel			4DT-EL45(B)		SV4EB45				
DV 90° Elbows	Galvanized		46DVA-E90	—	TE-4DE90	—	—	4D90L	—	—
	Black		46DAV-E90B	—	TE-4DE90B	SV4EBR90		4D90LB	—	—
	Galvanized Swivel		—	4DT-EL90	—	SV4E90	—	—	—	94620690
	Black Swivel		—	4DT-EL90(B)		SV4EB90				94620690B

Approved Venting Components

Venting Parts Description			Venting Parts Code / availability by Manufacturer							
			DURA-VENT	SELKIRK	ICC EXCEL DIRECT	SECURE VENT	RLH INDUSTRIES	AMERIVENT	MILES INDUSTRIES	BDM
Pipes 4" x 6 5/8" (ID x OD)	6" long	Galvanized	46DVA-06	4DT-06	TC-4DL6	SV4L6	—	—	—	94610606
		Black	46DVA-06B	4DT-06(B)	TC-4DL6B	SV4LB6				90410606B
	7" long	Galvanized	—	—	—	—	—	4D7	—	—
		Black						4D7B		
	9" long	Galvanized	46DVA-09	4DT-09	—	—	—	—	—	94610609
		Black	46DVA-09B	4DT-09(B)						94610609B
	12" long	Galvanized	46DVA-12	4DT-12	TC-4DL1	SV4L12	—	4D12	—	94610612
		Black	46DVA-12B	4DT-12(B)	TC-4DL1B	SV4LB12		4D12B		94610612B
	18" long	Galvanized	46DVA-18	4DT-18	—	—	—	—	—	94610618
		Black	46DVA-18B	4DT-18(B)						94610618B
	24" long	Galvanized	46DVA-24	4DT-24	TC-4DL2	SV4L24	—	4D2	—	94610624
		Black	46DVA-24B	4DT-24(B)	TC-4DL2B	SV4LB24		4D2B		94610624B
	36" long	Galvanized	46DVA-36	4DT-36	—	SV4L36	—	4D3	—	94610636
		Black	46DVA-36B	4DT-36(B)		SV4LB36		4D3B		94610636B
	48" long	Galvanized	46DVA-48	4DT-48	TC-4DL4	SV4L48	—	4D4	—	94610648
		Black	46DVA-48B	4DT-48(B)	TC-4DL4B	SV4LB48		4D4B		94610648B
Flashings	Roof Flashing 0/12-6/12		46DVA-F6	4DT-AF6	TF-4FA	SV4FA	—	4DF (0/12-5/12)	—	949606012
	Roof Flashing 7/12-12/12		46DVA-F12	4DT-AF12	TF-4FB	SV4B	—	4DF12 (6/12-12/12)	—	949606712
	Flat Roof Flashing		46DVA-FF	—	TF-4F	SV4F	—	—	559FSK	949606001
	Masonry Flashing		—	—	TF-4MF	—	—	—	—	—
Various Venting System Parts	Wall Thimble		46DVA-WT	4DT-WT	TM-4WT	SV4RSM	—	4DWT	—	949064U
	Storm Collar		46DVA-SC	4DT-SC	TM-SC	SV4AC	—	4DSC	—	94960608
	Decorative Plate		46DVA-DC	4DT-CS	TM-4TR	SV4PF	—	4DFPB	—	94940612
	Cathedral Ceiling Support		46DVA-CS	4DT-CCS	—	—	—	4DRSB	—	949506KT
	Ceiling Firestop / Floor Support		46DVA-FS	4DT-FS	TM-CS	SV4BF	—	4DFSP	—	94980612
						SV4SD				
	Attic Radiation Shield / Firestop		—	—	TM-4AS	—	—	4DAIS12 (12")	—	94930620A
								4DAIS36 (36")		
	Wall Strap		46DVA-WS	4DTWS	TM-WS	—	—	4DWS	—	949164
	Vinyl Siding Standoff		46DVA-VSS	4DT-VS	TM-VSS	SV4VS	—	4DHVS	—	94800615S
	Elbow Strap / Offset Support		46DVA-ES	4DT-OS	TM-OS	—	—	—	—	949264
	Terminal Guard		46DVA-WG	—	—	—	—	—	845TG	940164SHRD

Notes:
1. Follow instructions supplied with each manufacturer's components.
2. Unless otherwise specified, all the parts and assemblies from the above table are to be used with 4" x 6-5/8" pipes.
3. Do not mix components from different vent manufacturers.
4. Termination caps manufactured by RLH Industries or American Metal Products are from Homestyle Chimney Collection and can be ordered in one of the following finishes: a) aluminium; b) black powder coated; c) solid copper.
5. Miles Industries Valor Co-linear adapter 1156CLA cannot be used with models 1200 and 1600. Use only with models 1100, 1150, 1500 and 1700.
6. Only Miles Industries Valor Co-linear adapter 1156CLA can be used with models 1700.

Warranty

If you have a problem with this unit, please contact your dealer or supplier immediately. Under no circumstances should you attempt to service the unit in any way by yourself. The warranties in paragraphs 1 and 2 are provided only to the first purchaser/user of this unit, are not transferable and are subject to the conditions and limitations in paragraphs 3, 4 and 5. Please review the conditions and limitations carefully and strictly follow their requirements.

1. Extended Warranty Coverage

For a period of up to ten (10) years, Miles Industries Ltd., (the "Company") or its appointed distributor will at its option pay the initial purchaser for the repair of, or will exchange the following parts or components which are found to be defective in material or workmanship under normal conditions of use and service:

Part or Component	Defect Covered	Maximum Warranty Period
Exterior steel casing	Corrosion	10 years
Glass	Loss of structural integrity	10 years
Cast iron parts	Corrosion	10 years
Firebox and heat exchanger	Corrosion (but not discoloration) causing loss of structural integrity	10 years

2. Two-Year Parts Warranty

In addition, for two (2) years from the date of purchase, the Company, at its option, can repair or exchange all parts and components not listed above but that are found to have a *bona fide* defect in material or workmanship under normal conditions of use.

3. Conditions and Limitations

a) The warranty registration card must be completed by the initial owner and returned to the Company within 90 days of purchase.
b) Installation and maintenance must be performed by an authorized and trained dealer in accordance with the Company's installation instructions.
c) This warranty is void where installation of the unit does not conform to all applicable codes including national and local gas appliance installation codes and building and fire codes.
d) The owner must comply with all operating instructions.
e) The Company is not responsible for the labor costs to remove defective parts or re-install repaired or replacement parts.
f) The first purchaser or user of the unit will be responsible for any shipping charges for replacement parts as well as travel time incurred by the dealer to perform the warranty work.
g) This warranty applies to non-commercial use and service and is void if it is apparent that there is abuse, misuse, alteration, improper installation, accident or lack of maintenance to the unit.
h) This warranty does not cover damage to the unit through:
    i) Improper installation, operational or environmental conditions.
    ii) Inadequate ventilation in the area or competition for air from other household equipment or appliances.
    iii) Damage due to chemicals, dampness, condensation, or sulphur in the fuel supply lines which exceeds industry standards.
i) This warranty does not cover glass, log breakage or damage to the unit while in transit.
j) The Company does not allow anyone to extend, alter or modify this warranty and assumes no responsibility for direct, indirect or consequential damages caused by the unit. State or provincial laws where the first purchaser or user resides may provide specific rights to extend this warranty and, if so, the Company's sole obligation under this warranty is to provide labor and/or materials in accordance with those laws.

4. Discharge of Liability

After two (2) years from the date of purchase, the Company may, at its option, fully discharge all obligations under this warranty by paying to the first purchaser/user the wholesale price of any defective parts.

5. No Other Warranty

All obligations to repair this unit are defined in this warranty. Some states or provinces may specifically mandate additional warranties on the part of manufacturers, but in the absence of such specific legislation, there is no other warranty or obligation expressed or implied.

Spare Parts

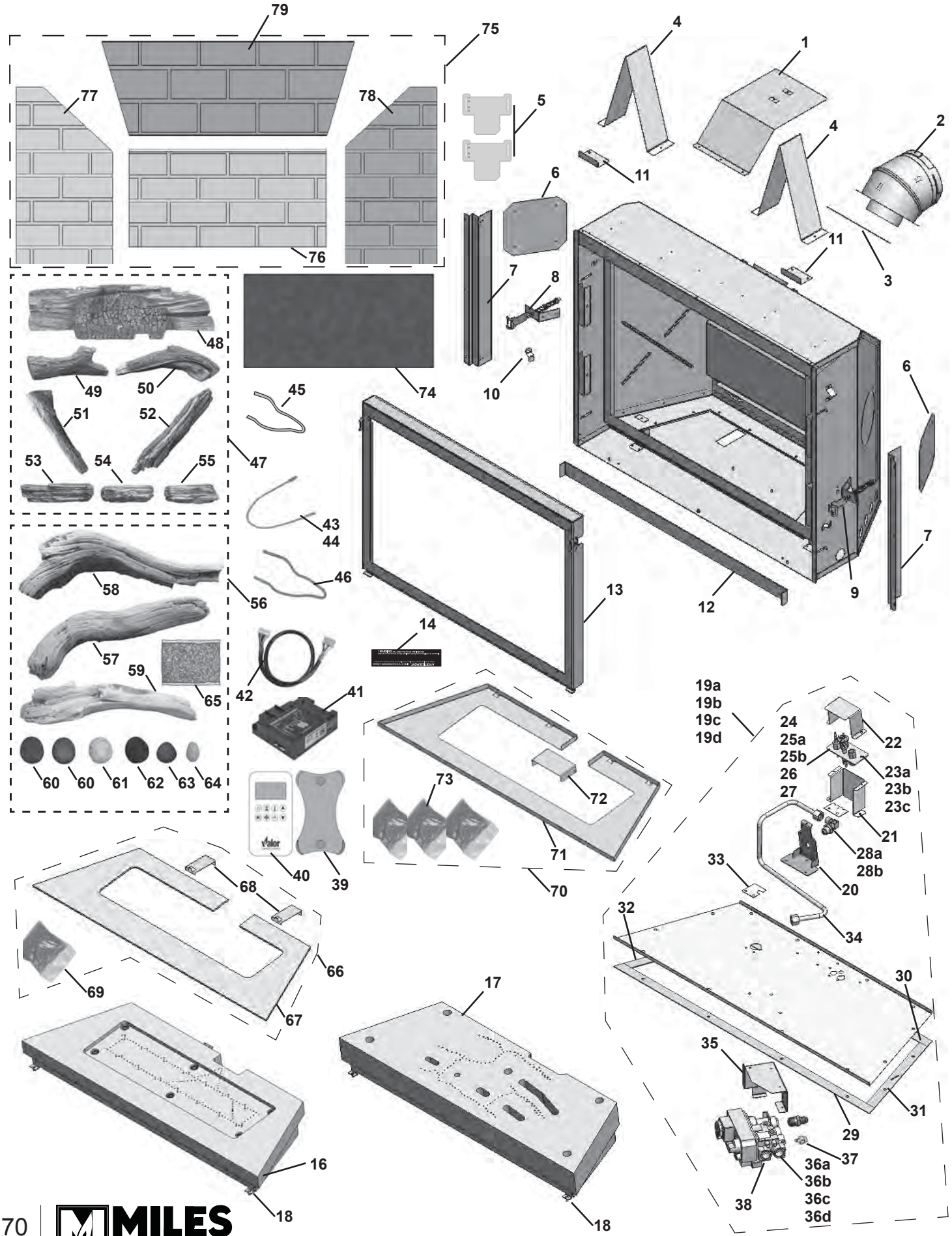
Code	Description	Part Number
1	Heat shield	4004460
2	45 degrees flanged elbow	0945JM
3	Elbow gasket	4002999
4	Top stand-offs (2)	4004469
5	Restrictor plate	4001222
6	Take-off cover (2)	4003046
7	Frame fixing brackets (2)	4003703
8	LH Window latch assembly	4003681
9	RH Window latch assembly	4003680
10	Liner panel anchors (2)	4001283
11	Engine positioning brackets (2)	4004546
12	Valve cover panel	4003716AH
13	Window assembly	4002778
14	Hot glass warning plate	4003093
15	1/2" Micore 300 insulation board	4001489
16	Burner contemporary assy 1100	4004368
17	Burner traditional assy 1150	4004366
18	Burner wing nuts M5 zinc (2)	4000741
19a	Module assembly 1100NG	4004256
19b	Module assembly 1100LPG	4004288
19c	Module assembly 1150NG	4004485
19d	Module assembly 1150LPG	4004486
20	Manifold assembly	4004451
21	Pilot mount	4004452
22	Pilot shield 1100	4004559AH
23a	Pilot assembly NG	4001690
23b	Pilot assembly LPG	4001691
24	Thermocouple	4000061
25a	Pilot injector NG #51	4000735
25b	Pilot injector LPG #30	4000736
26	Electrode, short	4001856
27	Nut for short electrode	4001855
28a	Injector elbow NG 82-850	9730010
28b	Injector elbow LPG 92-300 (1100)	9730035
28c	Injector elbow LPG 92-360 (1150)	4001494
29	Gasket module plate, front	4003924
30	Gasket module plate, rear	4003925
31	Gaskets module plate, RH	4003926
32	Gaskets module plate, LH	4003927
33	Pilot sealing plate	4002910
34	Valve to injector pipe assembly	4004065
35	Valve mount	4003956

Code	Description	Part Number
36a	GV60 valve assembly NG 1100	4004498X
36b	GV60 valve assembly LPG 1100	4004499X
36c	GV60 valve assembly NG 1150	4004500X
36d	GV60 valve assembly LPG 1150	4004501X
37	Thermocurrent interrupter	4001037
38	Pipe s/s flex	4000345
39	Handset wall holder	4004459
40	Comfort Control handset - 8	4004457
41	Symax universal receiver	4004468
42	Wire harness GV60	4001187
43	Yellow interruptor cable	4002096
44	Red cable to interrupteor	4001035
45	Ignition cable sleeve 530 mm	4002244
46	Ignition cable 500 mm	4001039
47	Traditional log set - 1150	4004367
48	Rear log	4004682
49	LH middle log	4004683
50	RH middle log	4004684
51	LH cross log	4004681
52	RH cross log	4004680
53	LH base log	4004685
54	Center base log	4004687
55	RH base log	4004686
56	Driftwood Kit - 1100	1101DWK
57	LH rear log	4004370
58	RH rear log	4004371
59	LH cross log	4004372
60	Brown beach pebble	4003082
61	White beach pebble	4003084
62	Black beach pebble	4003085
63	Small grey beach pebble	4003086
64	Beige beach pebble	4003087
65	1-1/2 lb 3/4" grey/black shale	4004503
66	Decorative Glass Murano - 1100	1103DGM
67	Glass platform	4004447
68	Platform retainers (2)	4004511
69	1/2" clear fireglass	4004521
70	Decorative Glass Set - 1100	1104DGS
71	Tray for fireglass	4004574AH
72	Pilot cover	4004574AH
73	1/2" clear fireglass	4004521

Spare Parts

Code	Description	Part Number
74	Reflective Glass Liner - 1100	1105RGL
75	Liner panels - complete sets	
	Valor Red Brick Liners	1110VRL
	Ledgestone Liner Set	1115LSL
	Fluted Black Liner Set	1125FBL
76	Rear panel	
	Valor Red Brick	4003264
	Ledgestone	4003246
	Fluted Black	4003258
77	LH side panel	
	Valor Red Brick	4003262
	Ledgestone	4003244
	Fluted Black	4003256
78	RH side panel	
	Valor Red Brick	4003263
	Ledgestone	4003245
	Fluted Black	4003257
79	Top panel	
	Valor Red Brick	4003213
	Ledgestone	4003211
	Black	4003212

Spare Parts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Thank You ...

For purchasing a Valor by Miles Industries. Your new radiant gas heater is a technical appliance that must be installed by a qualified installer.

Please fill in the information below. The information provided will be used for customer records only.

Fireplace Information
Model Number: 1100 ☐ IN or ☐ IP 1150 ☐ ILN or ☐ ILP
Serial Number:
Date Purchase (yyyy-mm-dd):
Dealer:
Customer Information
First Name:
Last Name:
Contact Information
Email:
Mailing Address
Address:
City:
Province/State:
Postal/Zip Code:
Country:

Cut out page, fill information, and mail to Miles Industries Ltd.

Online Warranty registration at www.valorfireplaces.com

Tape Shut

Fold here

Valor
THE ORIGINAL
RADIANT GAS FIREPLACE™

Postage
needed

Miles Industries Ltd.
190 - 2255 Dollarton Highway
North Vancouver, BC V7H 3B1
Canada

Online Warranty registration at www.valorfireplaces.com

Thank you for choosing a Valor Product